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ICONOGRAPHY
OF
AUSTRALIAN SPECIES OF ACACIA
AND
COGNATE GENERA,

BY
BARON FERD. VON MUELLER, K.C.M.G., M. & PH.D., F.R.S.,
GOVERNMENT BOTANIST OF THE COLONY OF VICTORIA.

"SED GAUDEBITIS ET EXULTABITIS USQUE AD SEMPITERNUM IN IIS, QUAE DEUS CREABAT."—*Prophetia Isaia*, lxx. 18.

FIFTH DECADE.

BY AUTHORITY:
ROBT. S. BRAIN, GOVERNMENT PRINTER, MELBOURNE.
1887.

PRICE—THREE SHILLINGS.

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1887. 52

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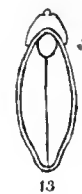
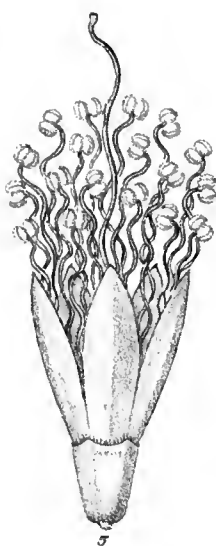
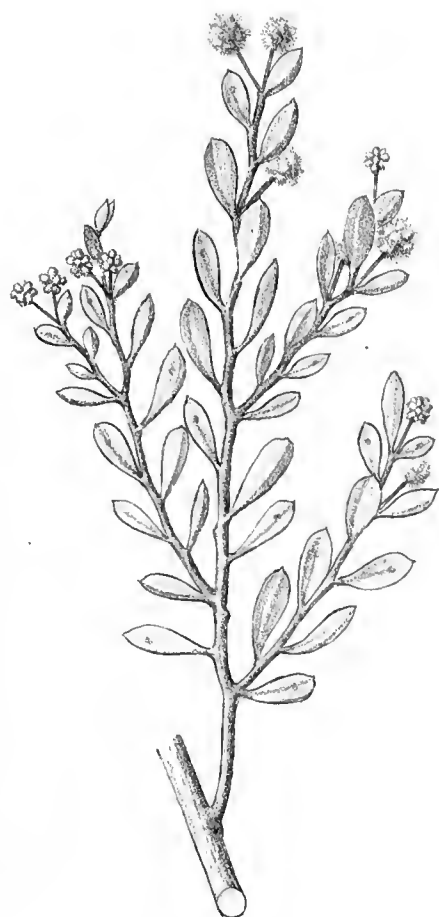
V.5

ACACIA SPATULATA.

F. v. M. in Bentham's Flora Australiensis ii. 356 (1864).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, an unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grains.
- 8, pistil.
- 9, young fruits.
- 10, lower portion of a fruit-valve with seeds.
- 11, a seed separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



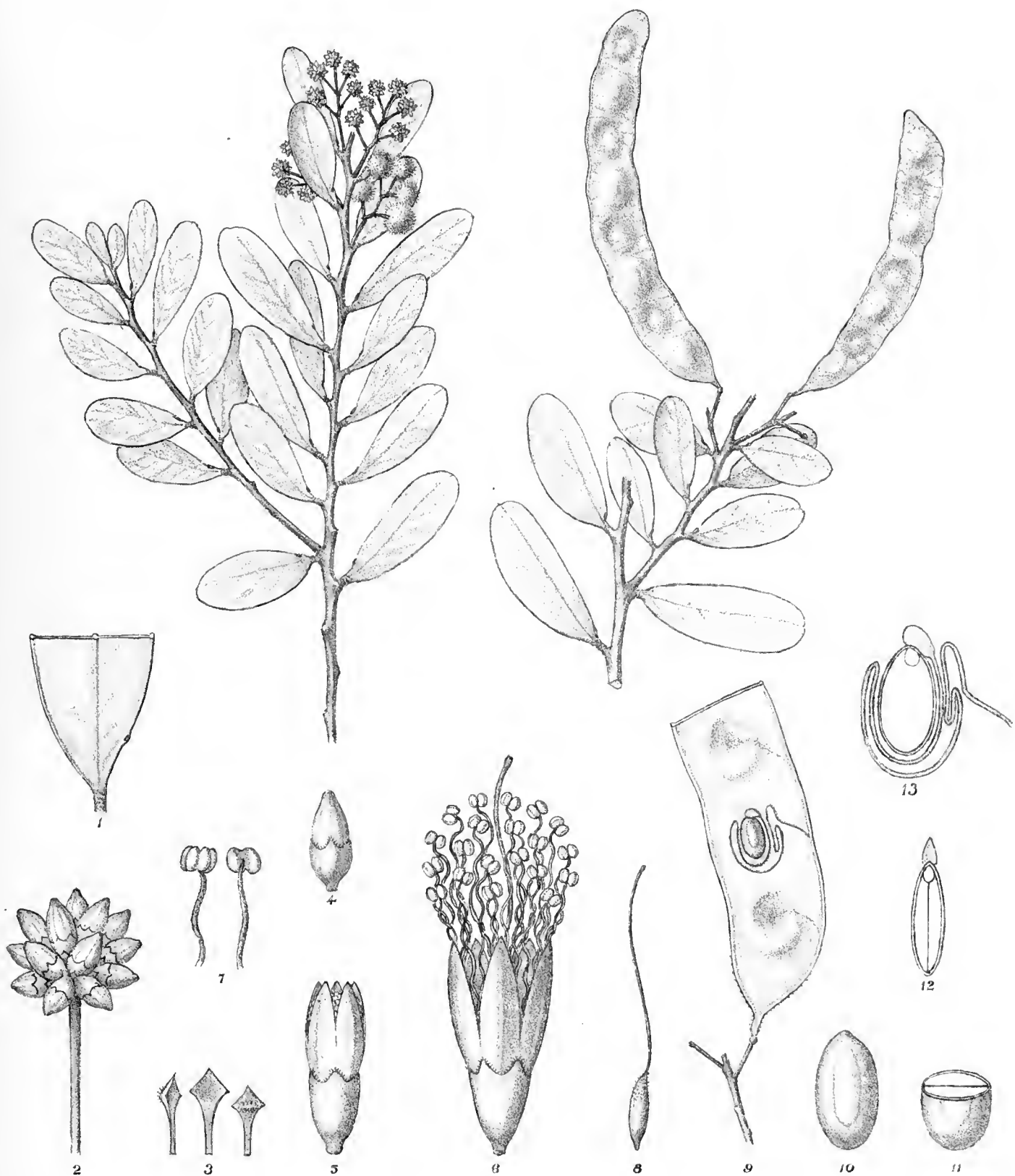
Acacia spatulata FvM.

ACACIA WATTSIANA.

F. v. M. in Bentham's Flora Australiensis ii: 374 (1864).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4 and 5, unexpanded flowers.
- 6, expanded flower.
- 7, front- and back-view of a stamen.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.

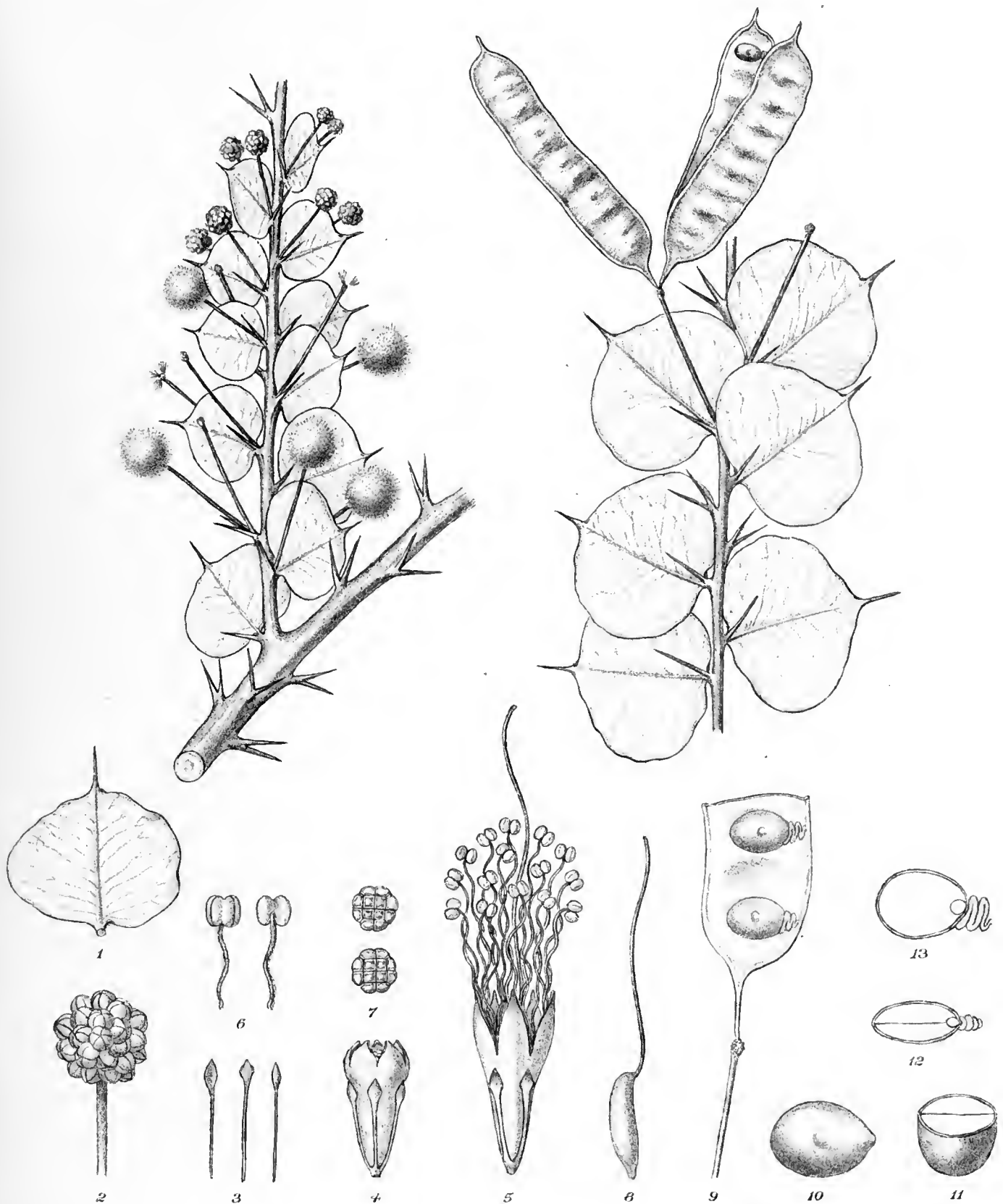


Acacia Wattsiiana *F.v.M.*

ACACIA STRONGYLOPHYLLA.

F. v. M. fragmenta phytographiæ Australiæ viii. 226 (1874).

- 1, a phyllodium.
 - 2, head of unexpanded flowers.
 - 3, bracts.
 - 4, unexpanded flower.
 - 5, expanded flower.
 - 6, front- and back-view of a stamen.
 - 7, pollen-grains.
 - 8, pistil.
 - 9, lower portion of fruit-valve with seeds.
 - 10, a seed separated.
 - 11, transverse section of a seed.
 - 12 and 13, longitudinal sections of seeds.
- All except 1 enlarged, but to various extent.



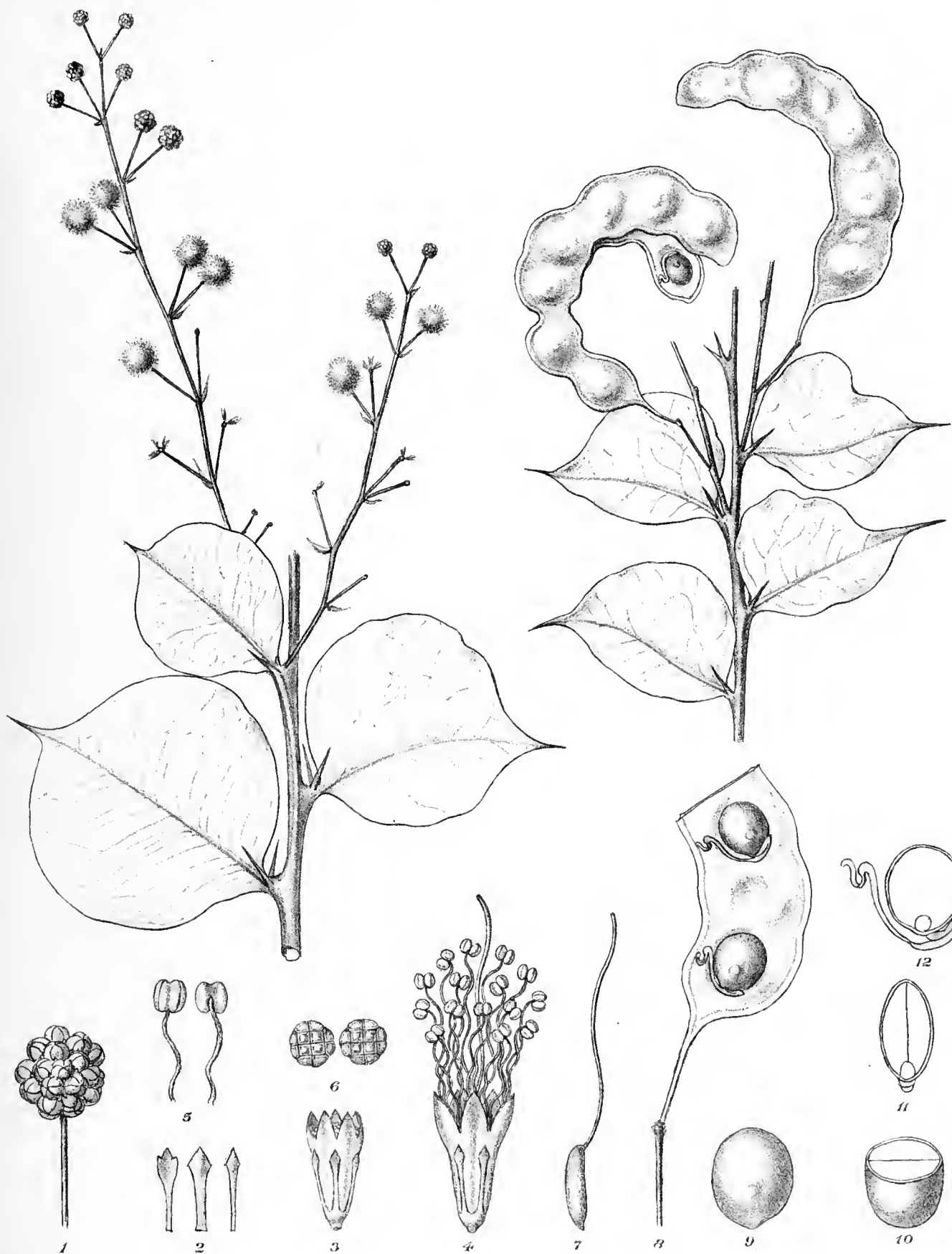
Acacia strongylophylla F.v.M.

ACACIA PYRIFOLIA.

De Candolle, Mémoire sur la famille des Légumineuses 447 (1825).

- 1, head of unexpanded flowers.
- 2, bracts.
- 3, unexpanded flower.
- 4, expanded flower.
- 5, front- and back-view of a stamen.
- 6, pollen-grains.
- 7, pistil.
- 8, lower portion of a fruit-valve with seeds.
- 9, a seed separated.
- 10, transverse section of a seed.
- 11 and 12, longitudinal sections of seeds.

All enlarged, but to various extent.



R.Graff del. C. Troedel & Co. Lith.

F.v.M. direxit.

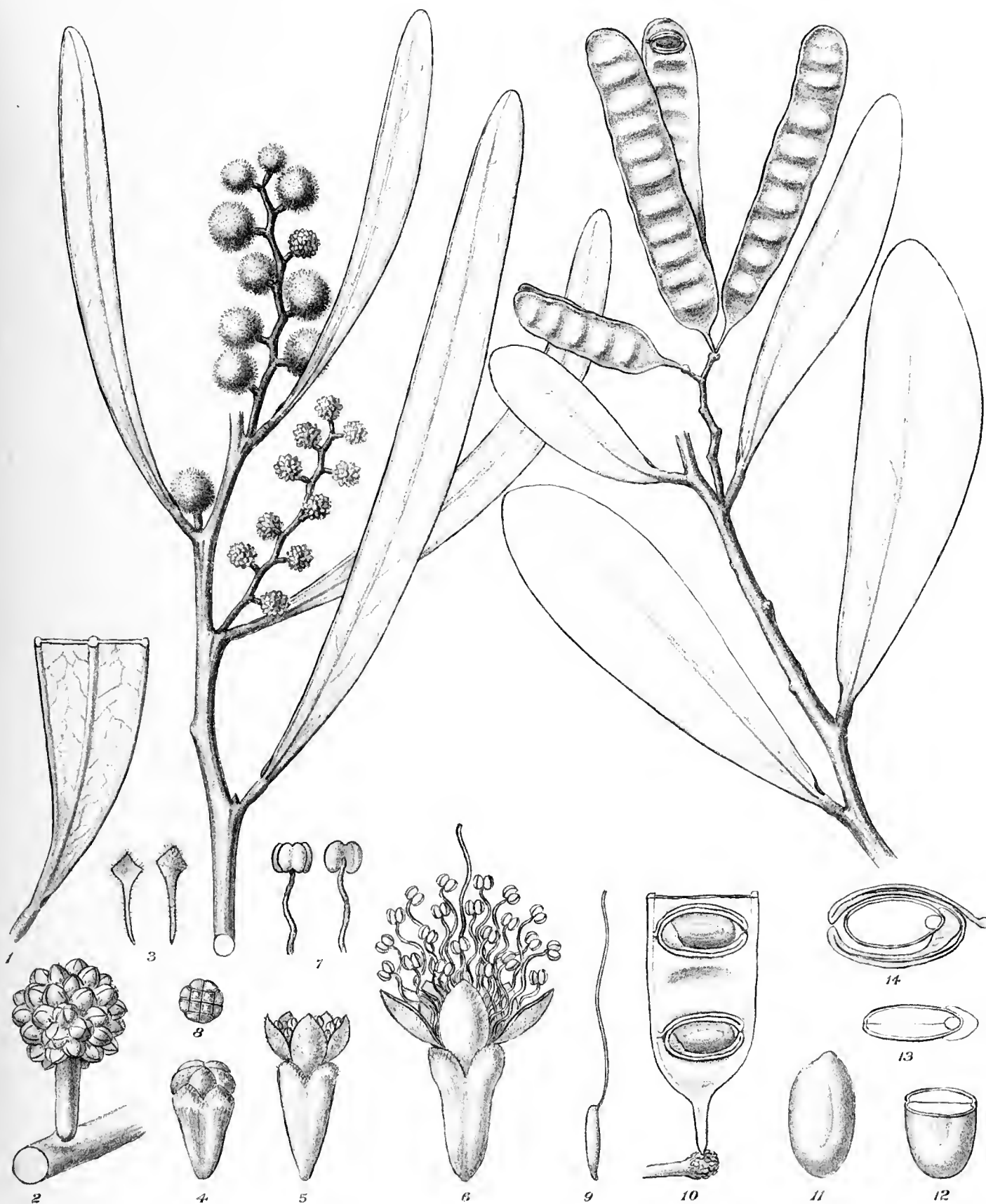
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Acacia pyrifolia DeCandolle.

ACACIA NOTABILIS.

F. v. M. fragmenta phytographiæ Australiæ i. 6 (1858).

- 1, portion of a phyllodium.
 - 2, head of unexpanded flowers.
 - 3, bracts.
 - 4, unexpanded flower.
 - 5, expanding flower.
 - 6, fully expanded flower.
 - 7, front- and back-view of a stamen.
 - 8, pollen-grains.
 - 9, pistil.
 - 10, lower portion of a fruit-valve with seeds.
 - 11, a seed separated.
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 - 13 and 14, longitudinal sections of seeds.
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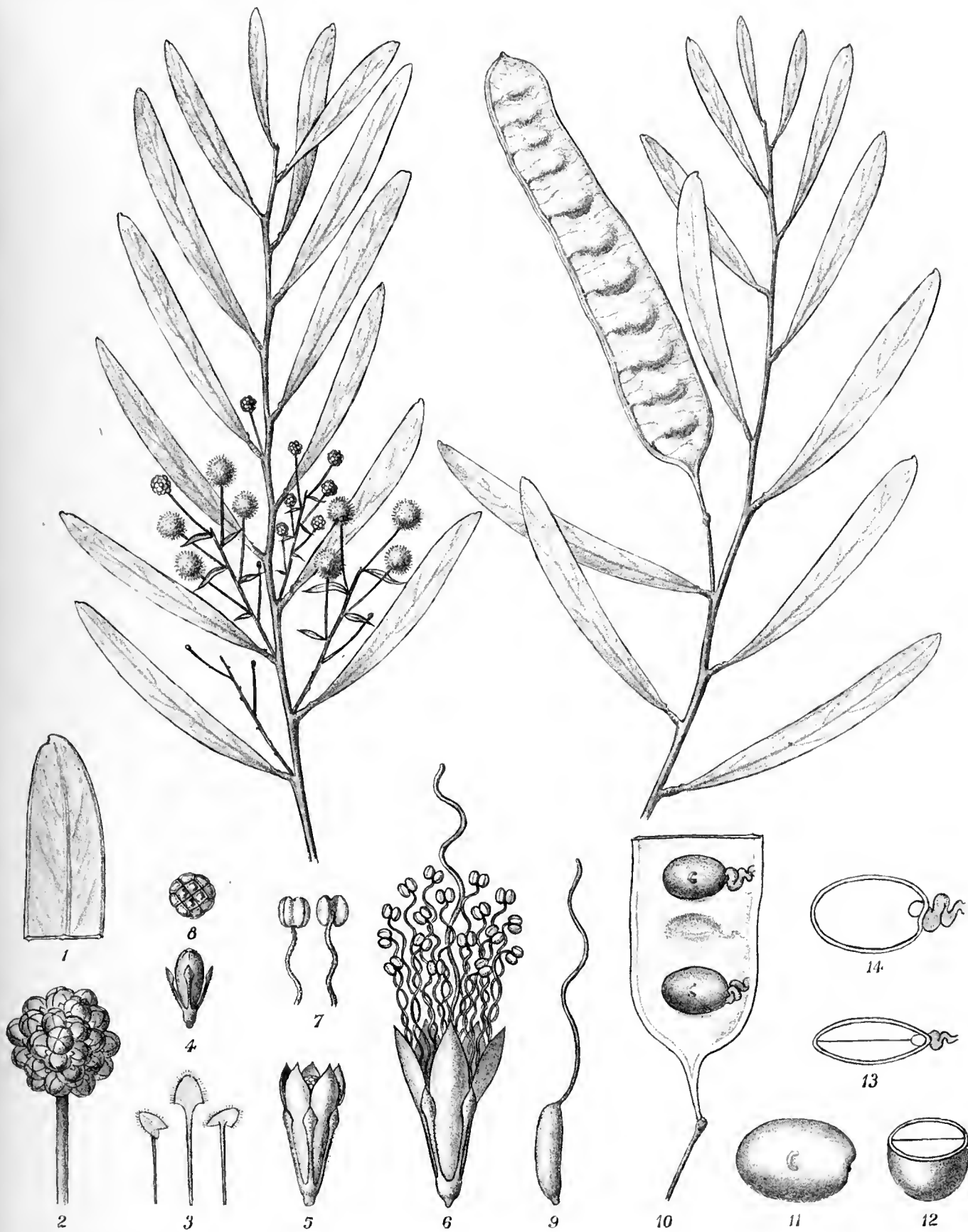
Acacia notabilis F.v.M.

ACACIA LEPTOPETALA.

Bentham in Schlechtendal's *Linnæa* xxvi. 619 (1853).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanding flower.
- 6, fully expanded flower.
- 7, front- and back-view of a stamen.
- 8, pollen-grains.
- 9, pistil.
- 10, lower portion of a fruit-valve with seeds.
- 11, a seed separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia leptopetala Benth.

ACACIA MACRADENIA.

Bentham in Mitchell's Tropical Australia 360 (1848).

- 1, portion of a phyllodium.
- 2, bracts.
- 3, expanded flower.
- 4, front- and back-view of a stamen.
- 5, pollen-grains.
- 6, pistil.
- 7, lower portion of a fruit-valve with seeds.
- 8, a seed separated.
- 9, transverse section of a seed.
- 10 and 11, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff. del. C. Troedel & Co. Lith.

F. v. M. direxit.

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***Acacia macradenia* Benth.**

ACACIA HARVEYI.

Bentham, Flora Australiensis ii. 368 (1864).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pistil.
- 8, lower portion of a fruit-valve with a seed.
- 9, a seed separated.
- 10, transverse section of a seed.
- 11 and 12, longitudinal sections of seeds.

All enlarged, but to various extent.



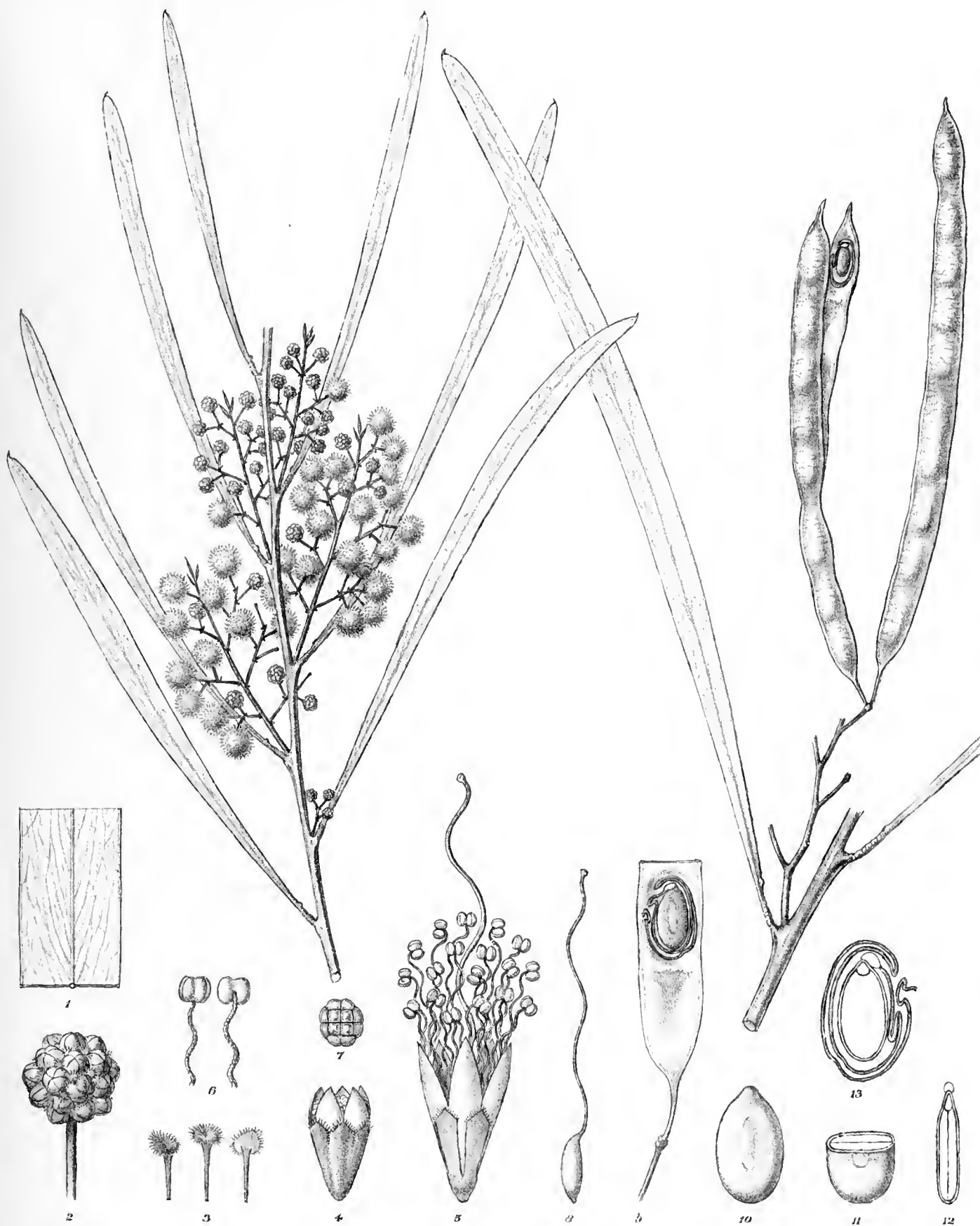
Acacia Harveyi Benth.

ACACIA RETINODES.

Schlechtendal, Linnæa xx. 664 (1847).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

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R. Graff del. C. Troedel & Co. Lith.

F. v. M. direxit.

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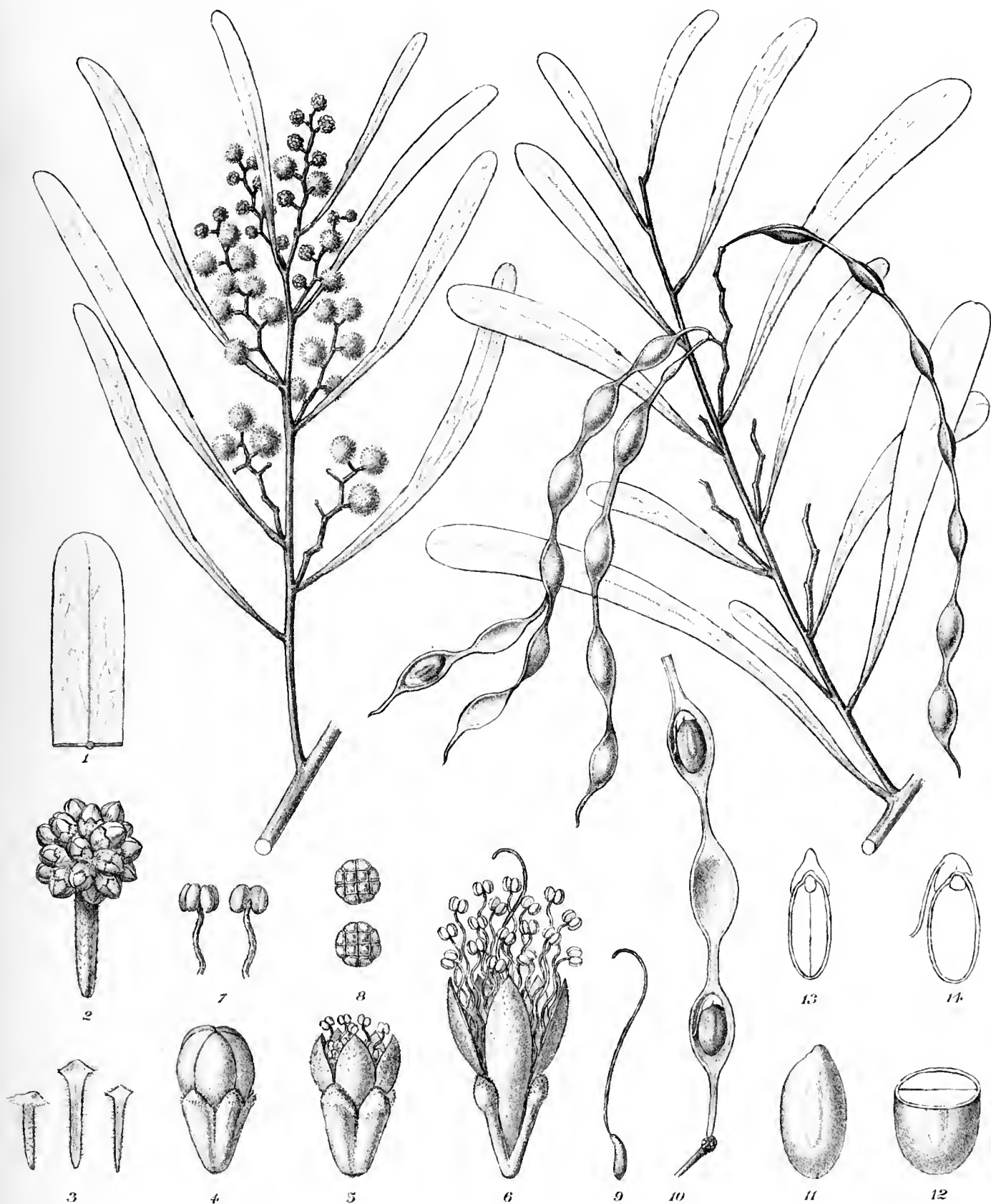
Acacia retinodes Schlechtendal.

ACACIA HAKEOIDES.

A. Cunningham in Hooker's London Journal of Botany i. 354 (1842).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanding flower.
- 6, fully expanded flower.
- 7, front- and back-view of a stamen.
- 8, pollen-grains.
- 9, pistil.
- 10, lower portion of a fruit-valve with seeds.
- 11, a seed separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia hakeoides A. Cunningham.

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PYRIFOLIA.

NOTABILIS.

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MACRADENIA.

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ACACIA ITEAPHYLLA.

F. v. M. in Schlechtendal's Linnæa xxvi. 617 (1853).

- 1, upper portion of a phyllodium.
- 2, a young flower-head with its clasping bract.
- 3, head of unexpanded flowers.
- 4, bracts.
- 5, unexpanded flower.
- 6, expanded flower.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, pistil.
- 10, lower portion of a fruit-valve with a seed.
- 11, a seed separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



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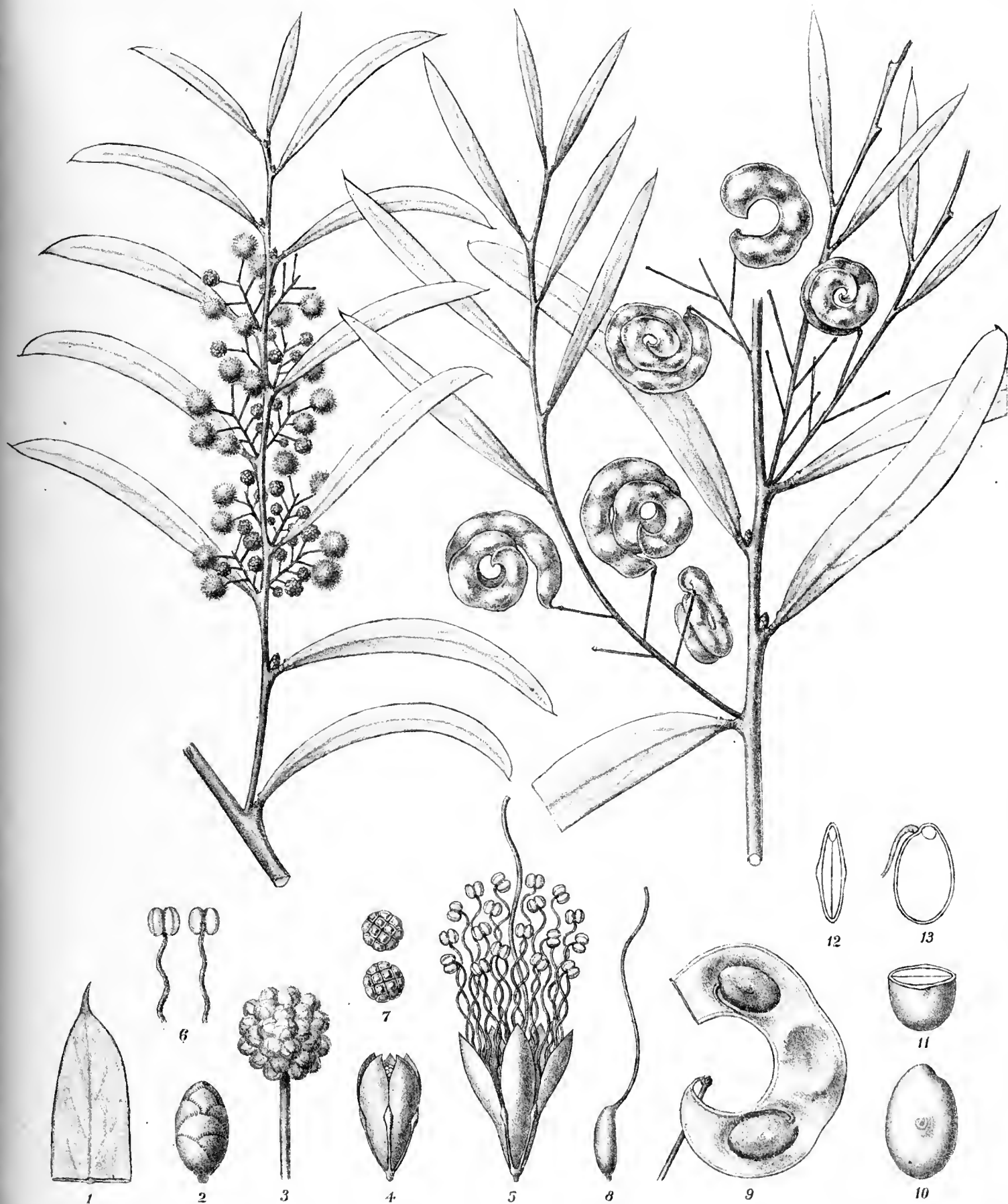
Acacia iteaphylla FvM.

ACACIA GRAFFIANA.

F. v. M. in Melbourne Chemist, new series, ii. 118 (1887).

- 1, upper portion of a phyllodium.
- 2, young flower-head, enclosed by its bracts.
- 3, head of unexpanded flowers.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grains.
- 8, pistil.
- 9, lower portion of a fruit-valve with seeds.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



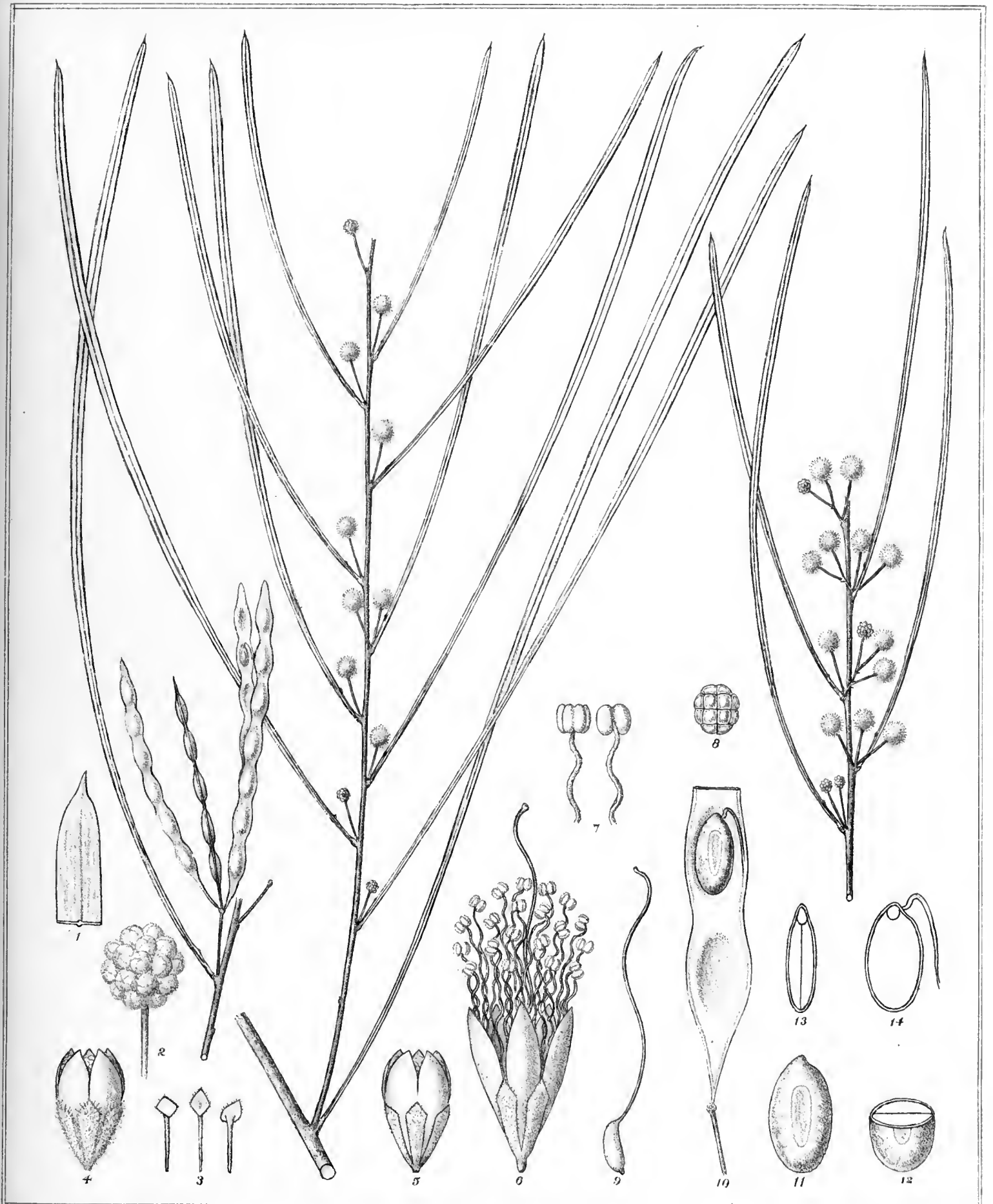
Acacia Graffiana FvM.

ACACIA DIETRICHIANA.

F. v. M. in Melbourne Chemist, July 1882.

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4 and 5, unexpanded flowers.
- 6, expanded flower.
- 7, front- and back-view of stamens.
- 8, pollen-grain.
- 9, pistil.
- 10, lower portion of a fruit-valve with a seed.
- 11, a seed separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



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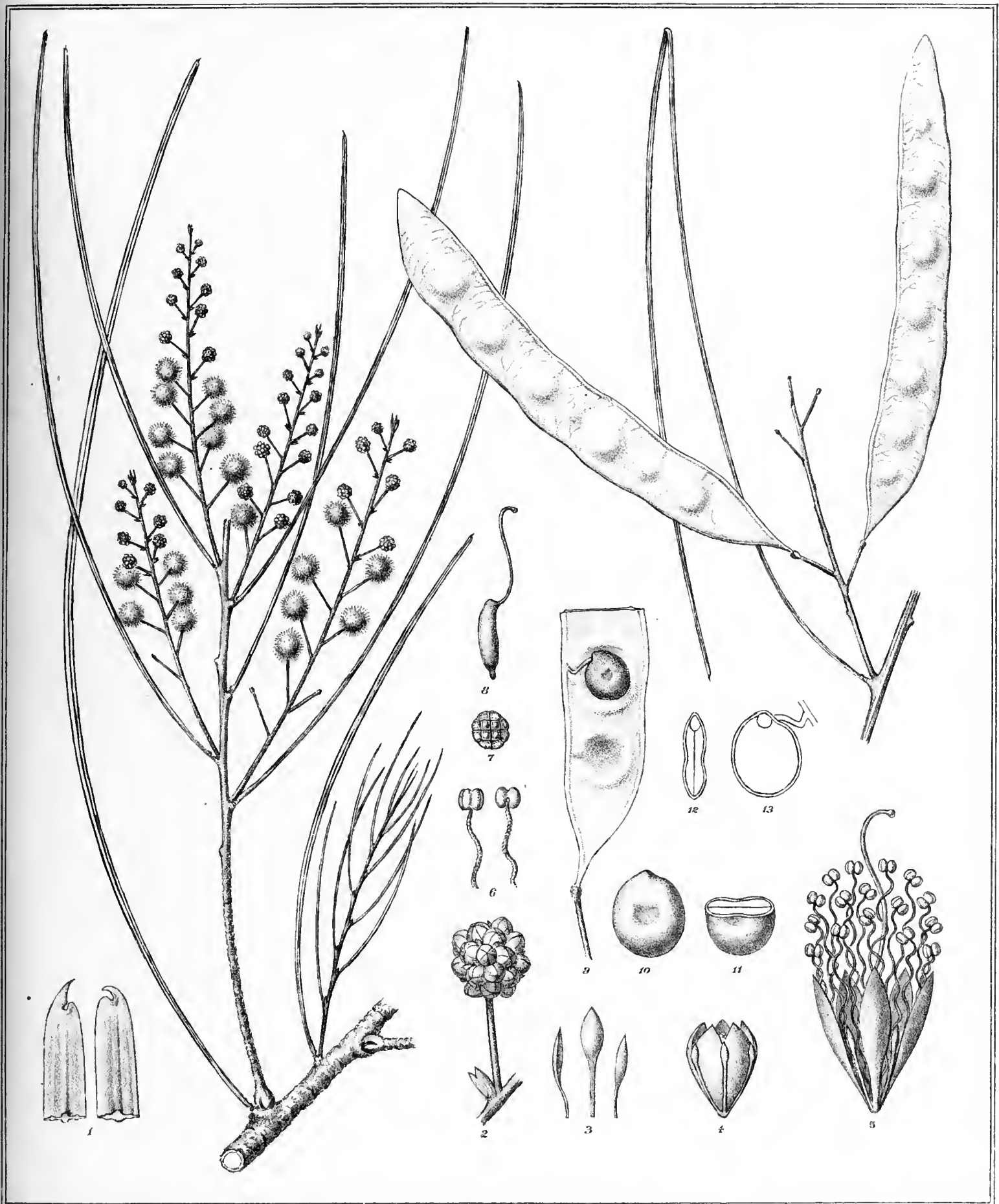
Acacia Dietrichiana FvM

ACACIA PRÆLONGATA.

F. v. M. in Melbourne Chemist iii. (1883).

- 1, portions of phyllodia.
- 2, head of unexpanded flowers with its bracteate stalk.
- 3, floral bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



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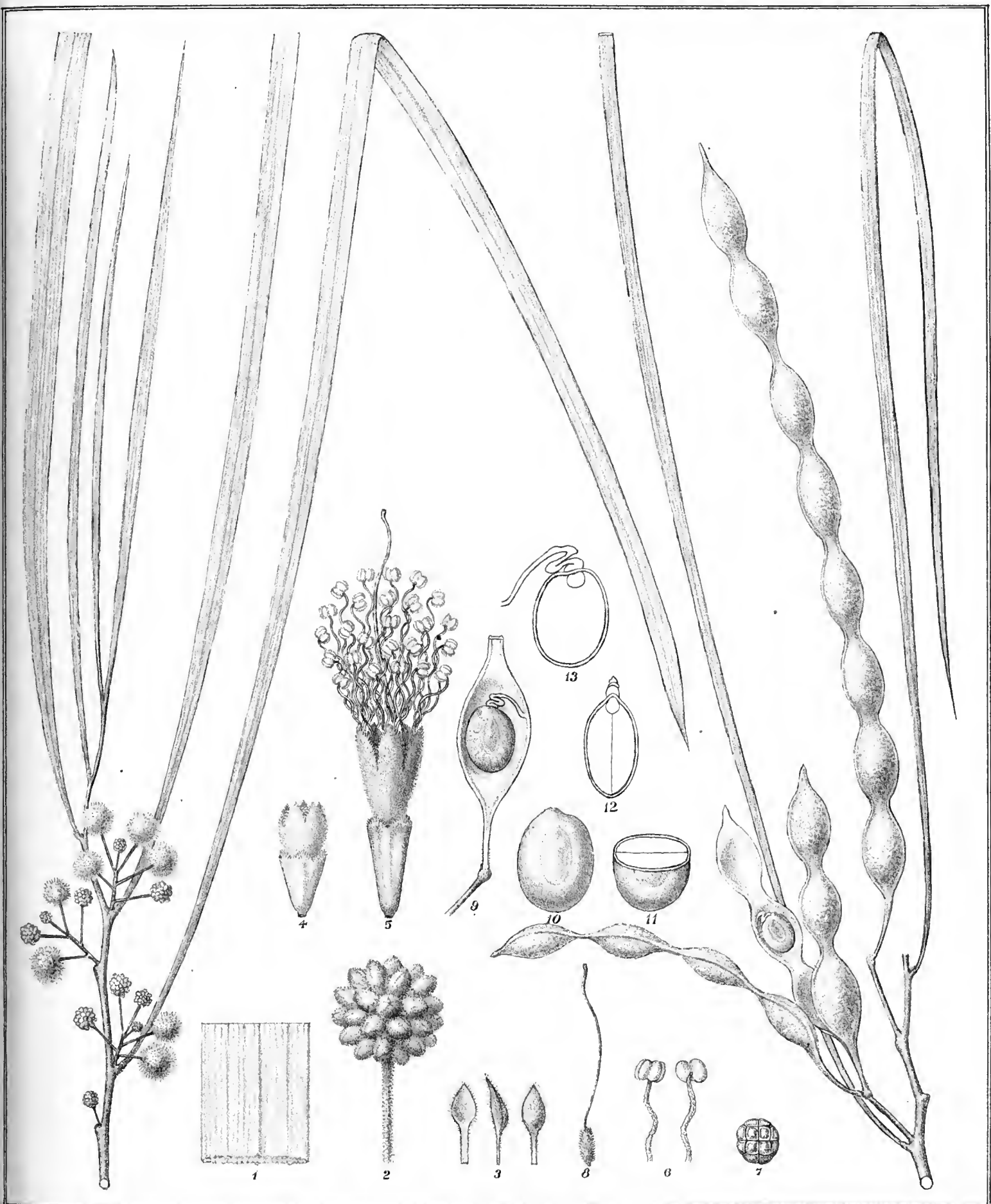
Acacia praelongata F. v. M.

ACACIA STENOPHYLLA.

A. Cunningham in Hooker's London Journal i. 366 (1842).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of stamens.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed separated.
- 11, transverse section of a seed.
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All enlarged, but to various extent.



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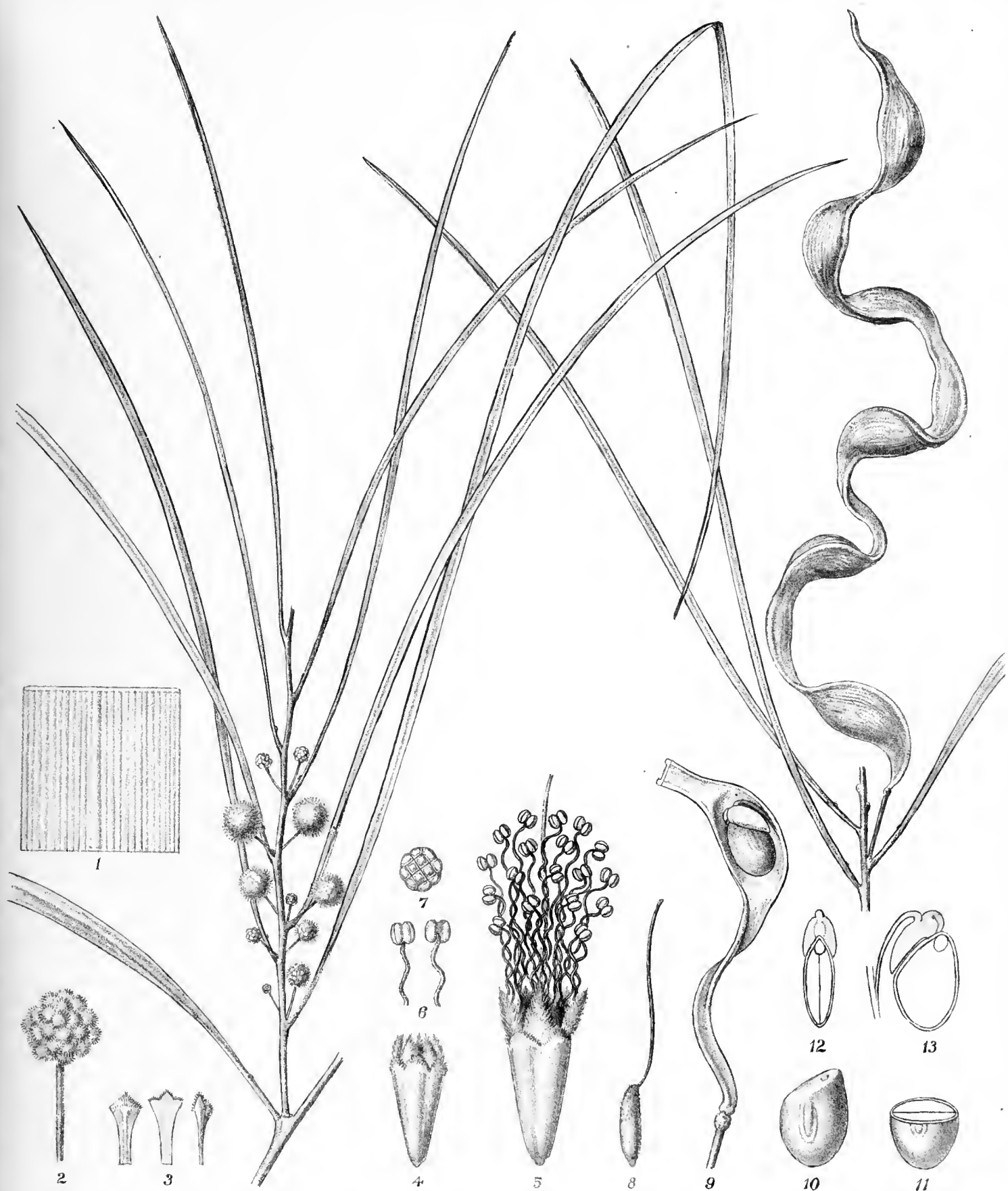
Acacia stenophylla A. CUNNINGHAM.

ACACIA CORIACEA.

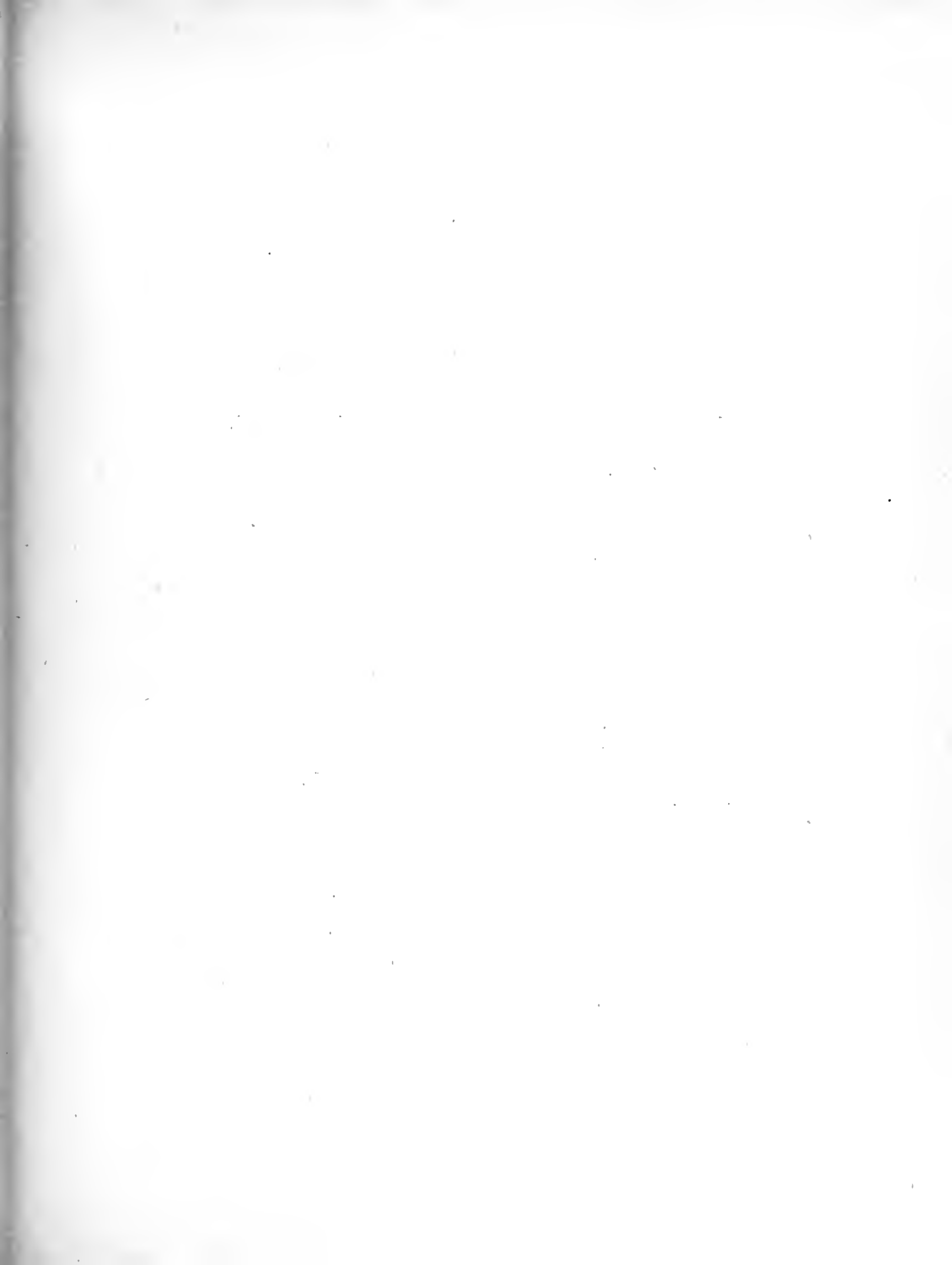
De Candolle, Mémoire sur la famille des Légumineuses 446 (1825).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia coriacea De Candolle.



ACACIA HOMALOPHYLLA.

A. Cunningham in Hooker's London Journal i. 365 (1842).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of stamens.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with seeds.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



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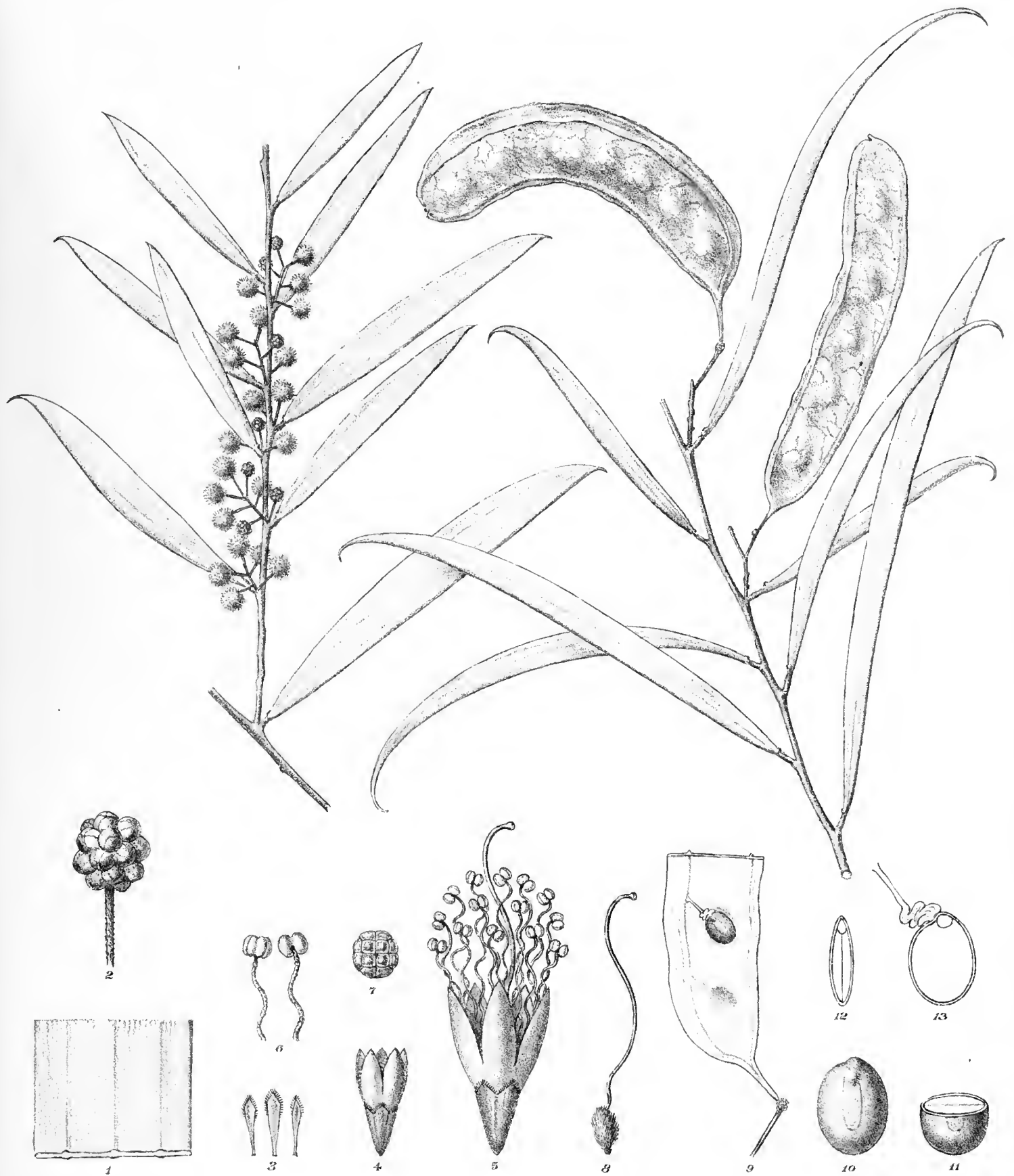
Acacia homalophylla *A. Cunningham.*

ACACIA PENDULA.

A. Cunningham in Loudon, hortus Britannicus 490 (1830).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia pendula *A. Cunningham.*

ACACIA HARPOPHYLLA.

F. v. M. in Bentham's *Flora Australiensis* ii. 389 (1864).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.
- 14, radicle, plumule and part of albumentum.

All enlarged, but to various extent.



Acacia harpophylla F. v. M.

ACACIA OSSWALDI.

F. v. M. plants of Victoria ii. 27 (1860).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia Osswaldi F. v. M.

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PENDULA.

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OSSWALDI.

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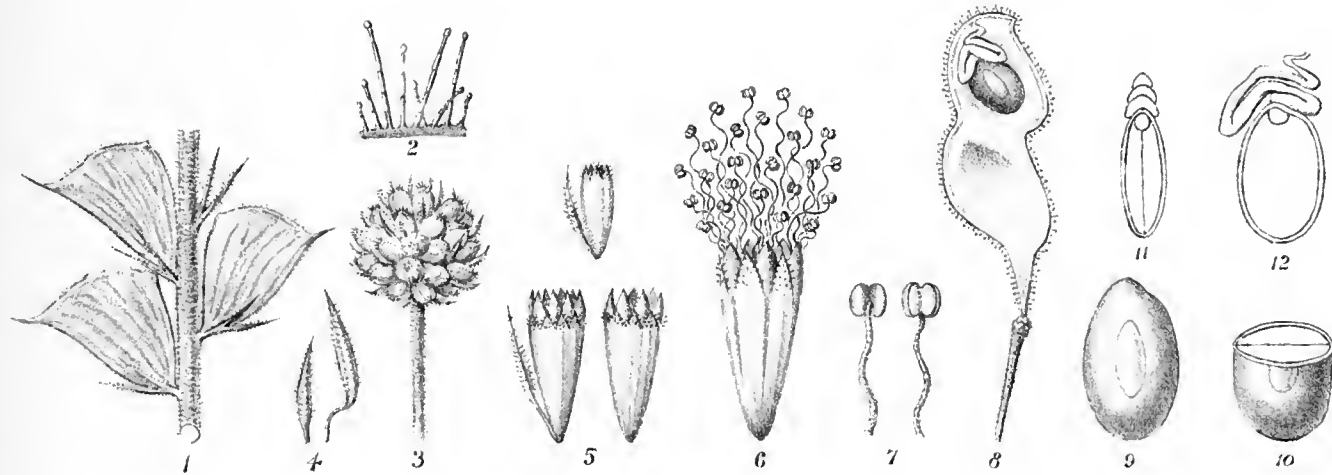
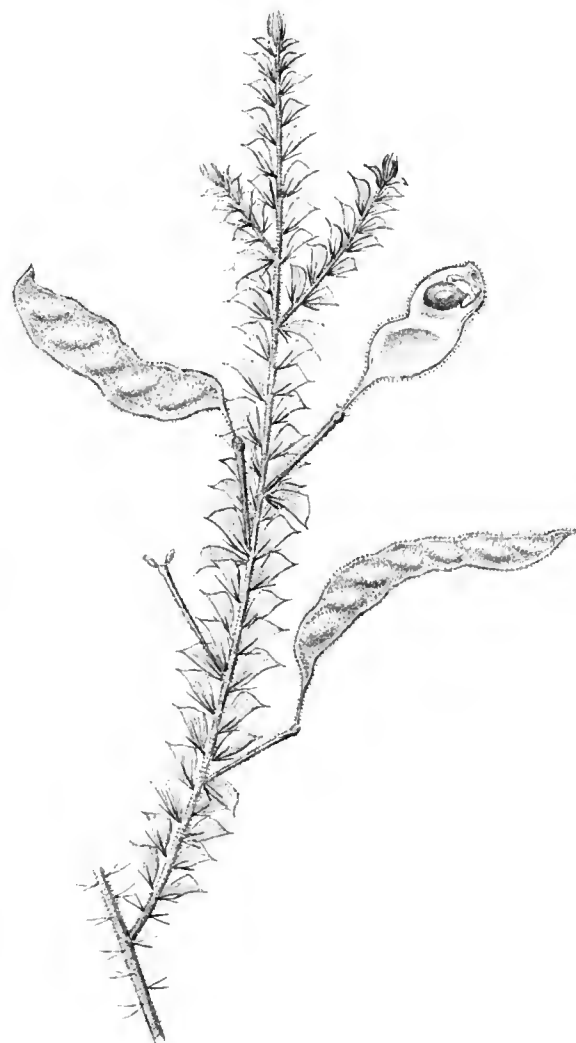
v.7

ACACIA STIPULOSA.

F. v. M. in Journal of the Linnean Society iii. 119 (1858).

- 1, portion of a branchlet with phyllodia and stipules.
- 2, glandular hairlets.
- 3, head of unexpanded flowers.
- 4, bracts.
- 5, two unexpanded flowers.
- 6, expanded flower.
- 7, back- and front-view of stamens.
- 8, lower portion of fruit-valve with a seed.
- 9, a seed separated.
- 10, transverse section of a seed.
- 11 and 12, longitudinal sections of seeds.

All enlarged, but to various extent.



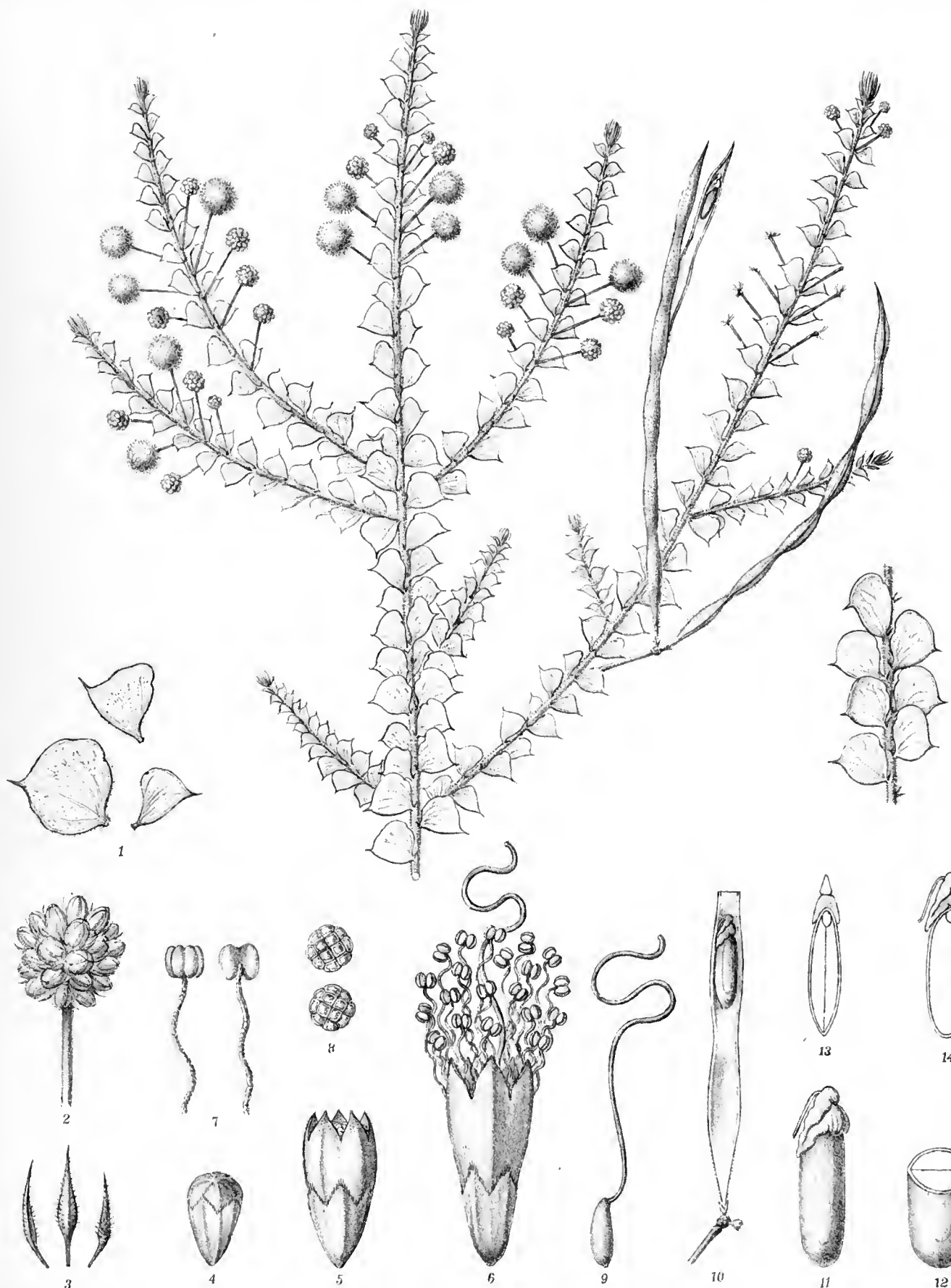
Acacia stipulosa F.v.M.

ACACIA LUEHMANNI.

F. v. M. fragmenta phytographiæ Australiae xi. 116 (1881).

- 1, phyllodia.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanding flower.
- 6, fully expanded flower.
- 7, front- and back-view of stamens.
- 8, pollen-grains.
- 9, pistil.
- 10, lower portion of a fruit-valve with a seed.
- 11, a seed separated.
- 12, transverse section of a seed.
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R. Graff. del. C. Troedel & Co. Lith.

F. v. M. d. r. e. x. i. t.

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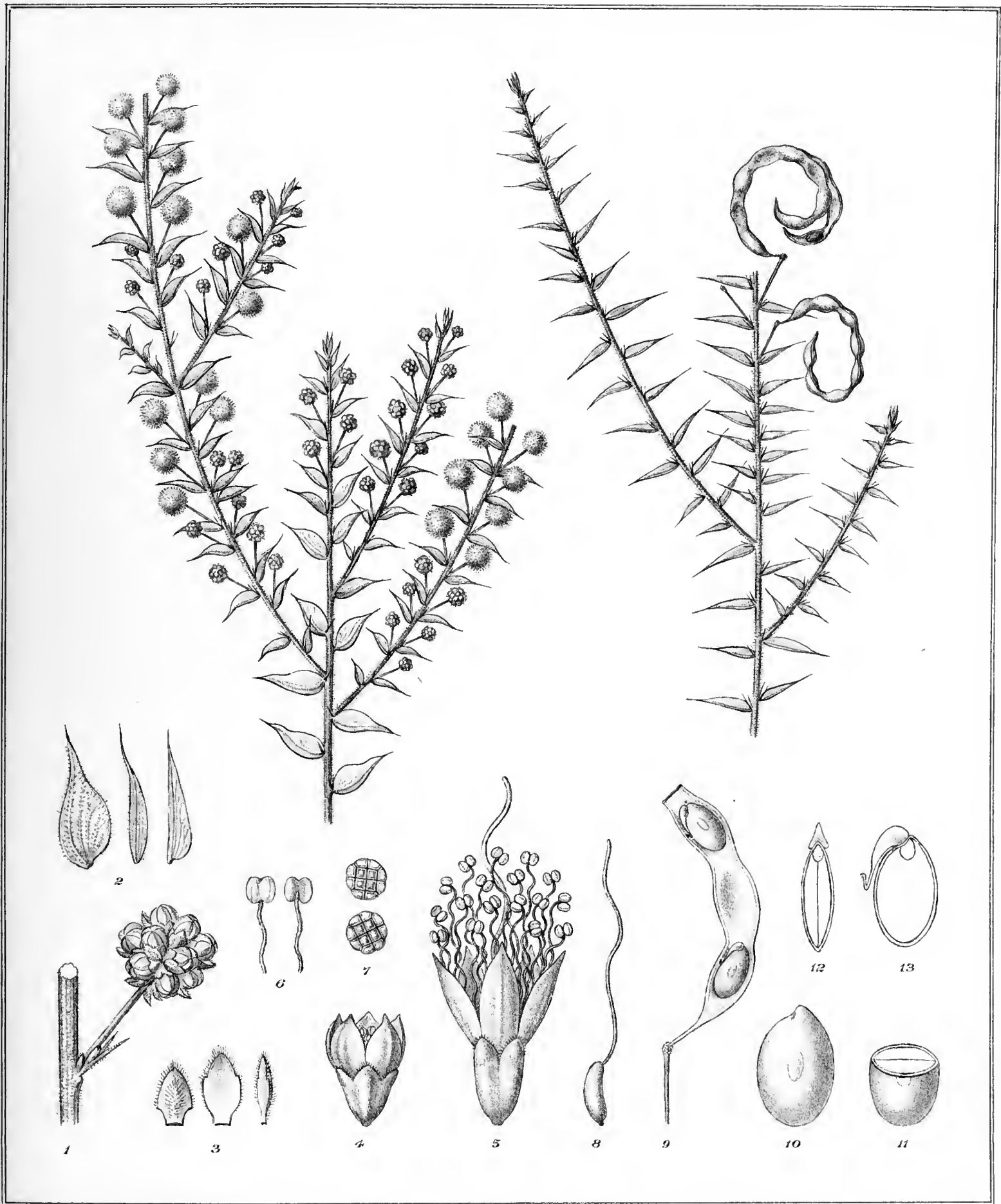
Acacia Luehmanni *F. v. M.*

ACACIA AMBLYGONA.

A. Cunningham in Hooker's London Journal of Botany i. 332 (1842).

- 1, portion of branchlet with stipules and a stalked head of unexpanded flowers.
- 2, phyllodia.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of stamens.
- 7, pollen-grains.
- 8, pistil.
- 9, lower portion of fruit-valve with seeds.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff, del. C. Troedel & Co. Lith.

F. v. M. direxit.

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Acacia amblygona *A. Cunningham.*

ACACIA SCALPELLIFORMIS.

Meissner in Lehmann's *Plantæ Preissianæ* ii. 200 (1847).

- 1, a phyllodium.
- 2, bracts.
- 3, unexpanded flower.
- 4, expanded flower.
- 5, front- and back-view of stamens.
- 6, pistil.
- 7, lower portion of fruit-valve with a seed.
- 8, a seed separated.
- 9, transverse section of a seed.
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All enlarged, but to various extent.



R. Graffdel C. Troedel & Co. Lith.

F. v. Mairexit.

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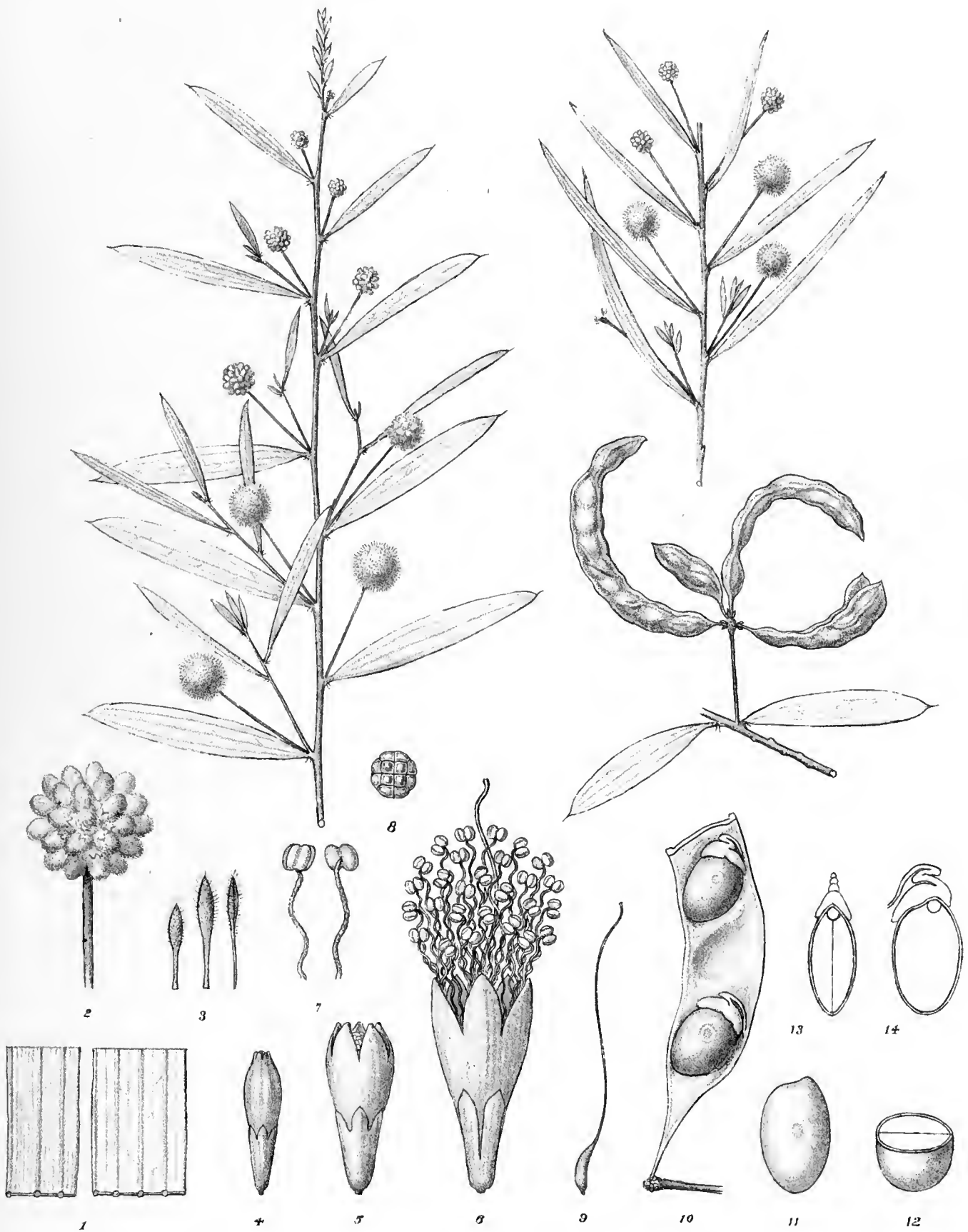
***Acacia scalpelliformis* Meissner.**

ACACIA PHLEBOCARPA.

F. v. M. in the Journal of the Linnean Society iii. 119 (1858).

- 1, portions of phyllodia.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanding flower.
- 6, fully expanded flower.
- 7, front- and back-view of stamens.
- 8, pollen-grain.
- 9, pistil.
- 10, lower portion of fruit-valve with seeds.
- 11, a seed separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia phlebocarpa F.v.M.

ACACIA IMPRESSA.

F. v. M. in the Journal of the Linnean Society iii. 133 (1858).

- 1, portions of phyllodia.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, back- and front-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with seeds.
- 10, transverse section of a seed.
- 11 and 12, longitudinal sections of seeds.

All enlarged, but to various extent.



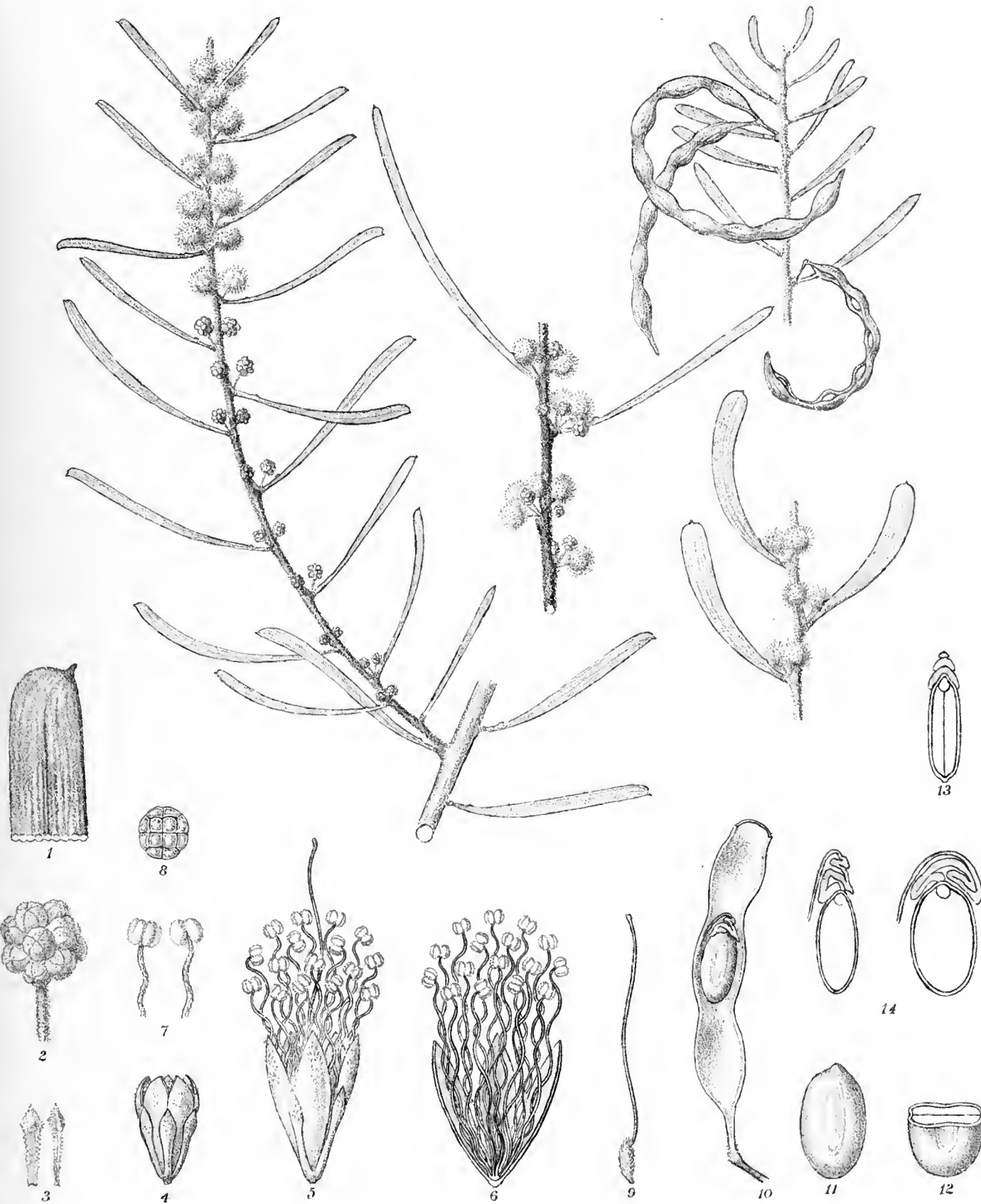
Acacia impressa F.v.M.

ACACIA FARINOSA.

Lindley in Mitchell's Three Expeditions ii. 145 (1838).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, longitudinal section of an expanded flower.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, pistil.
- 10, lower portion of a fruit-valve with a seed.
- 11, a seed separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. Troedel & Co. Lith.

F. v. M. direxit

Steam Litho Gov. Printing Office Melb.

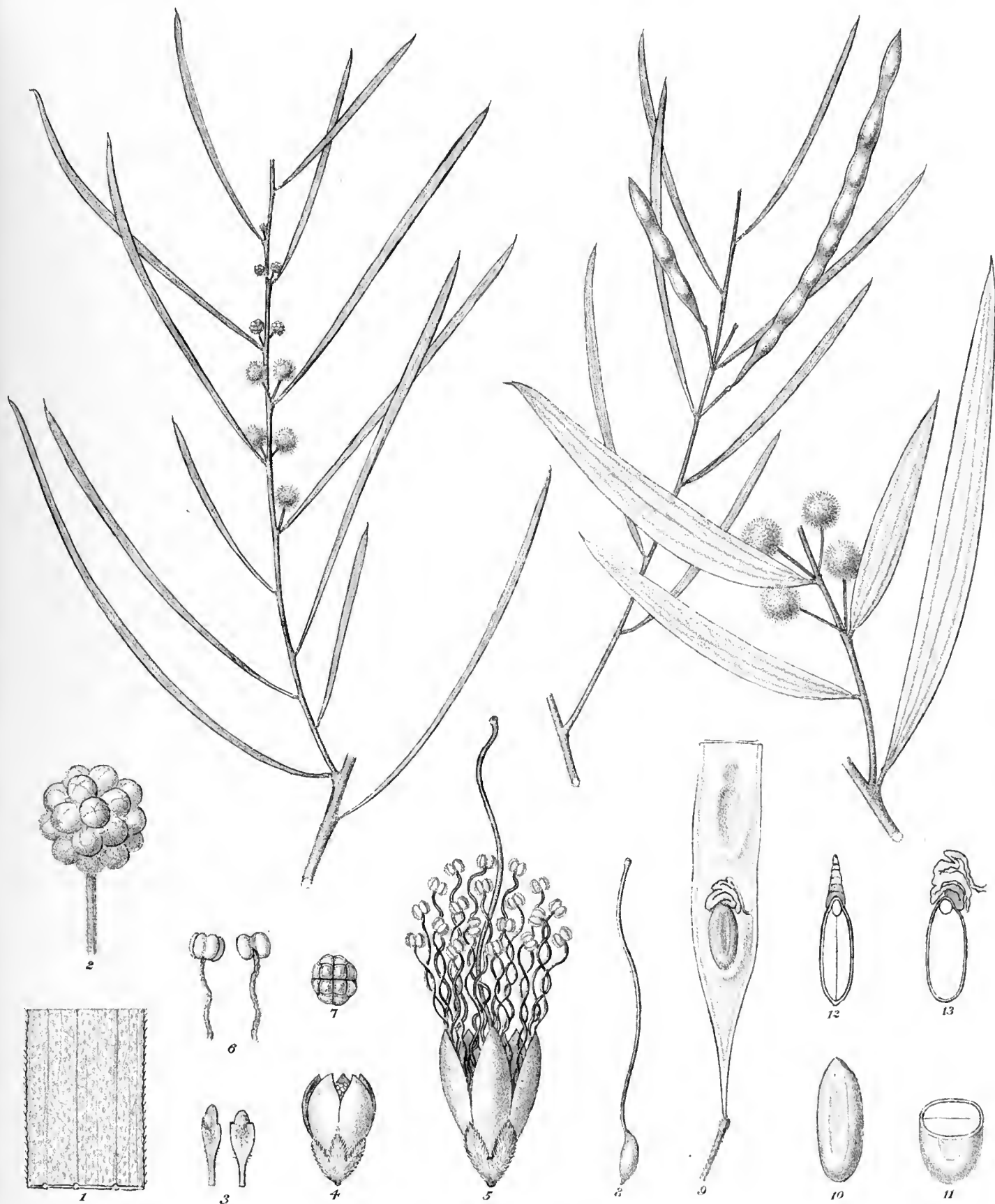
Acacia farinosa Lindley.

ACACIA SUBPOROSA.

F. v. M. Plants of Victoria ii. 24 (1860).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



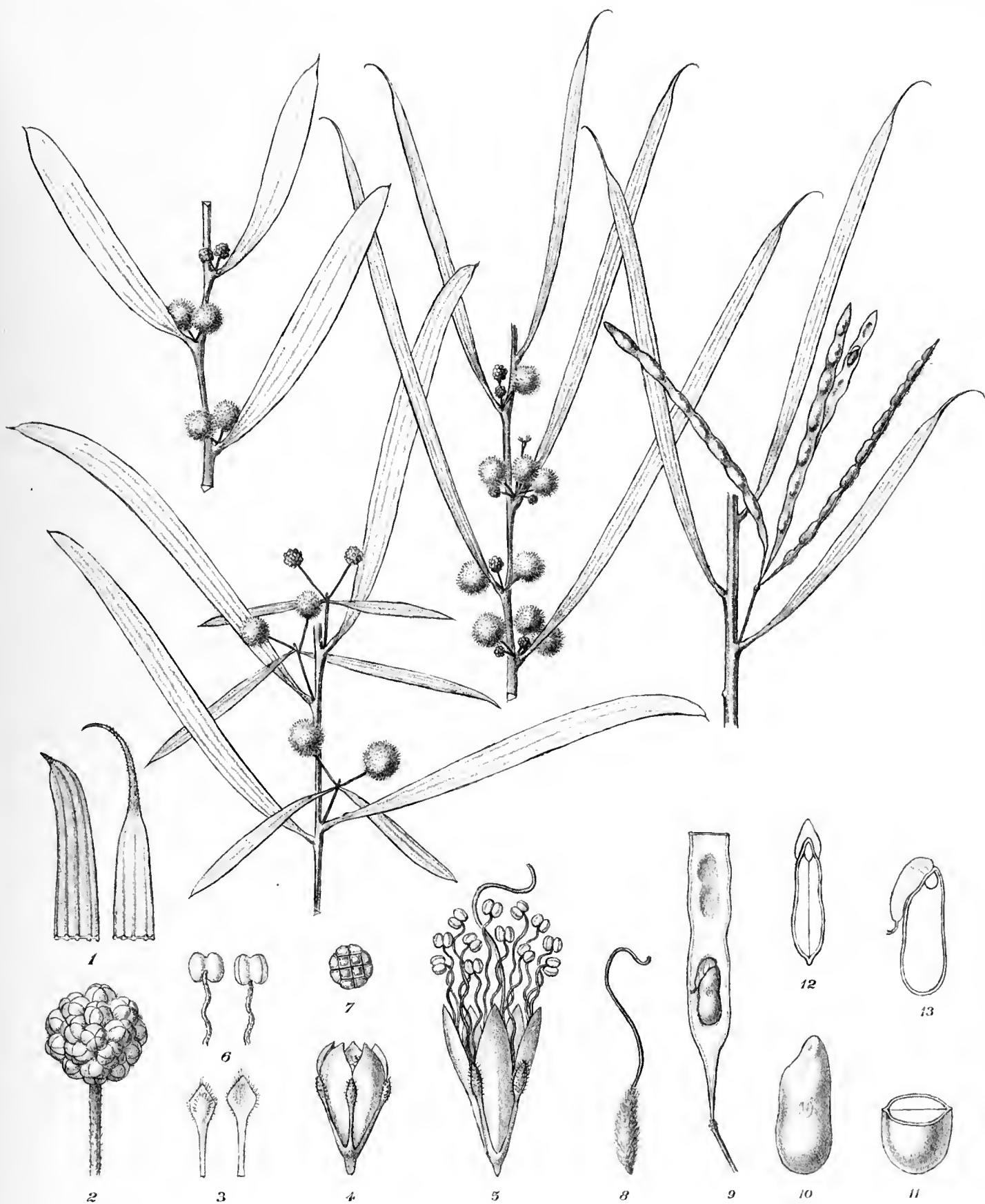
Acacia subporosa F.v.M.

ACACIA HETEROCLITA.

Meissner in Lehmann's *Plantæ Preissianæ* i. 318 (1845).

- 1, portion of phyllodia.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, back- and front-view of stamens.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



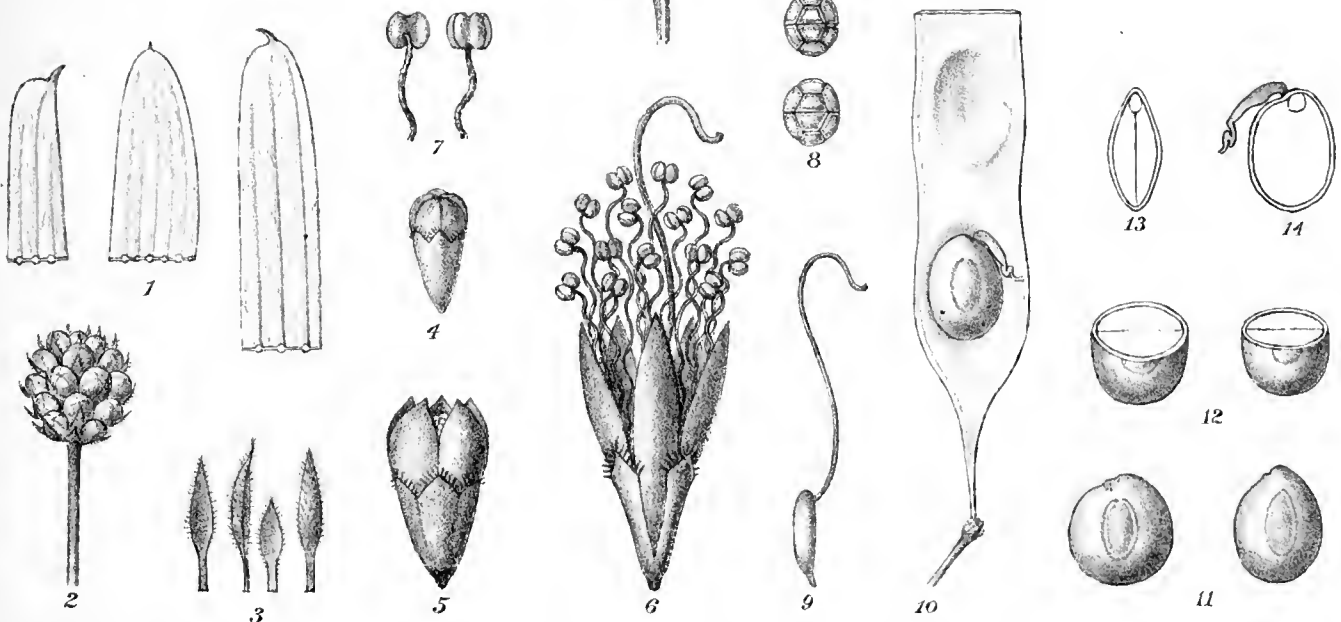
***Acacia heteroclita* Meissner.**

ACACIA SIMSII.

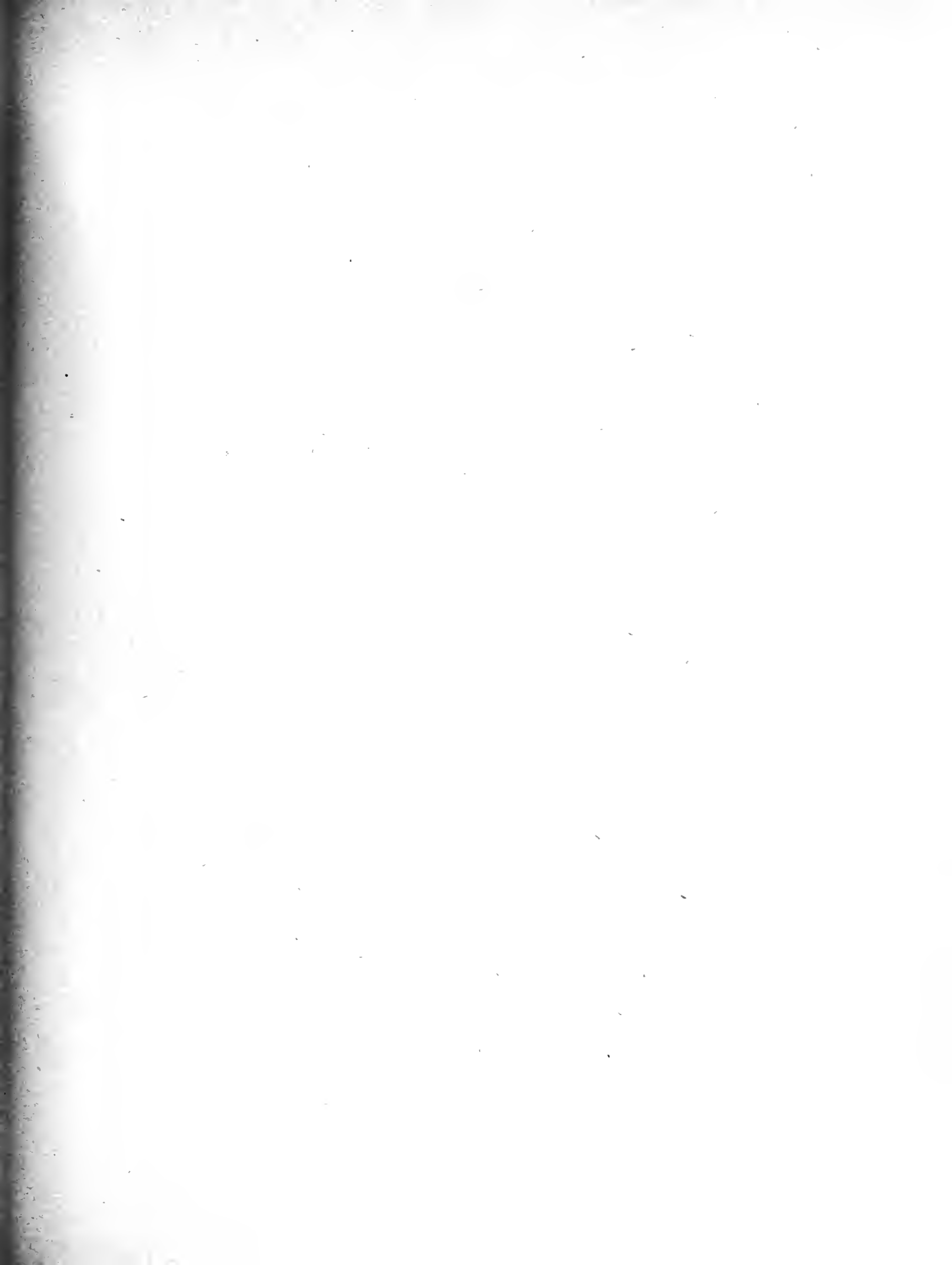
A. Cunningham in Hooker's London Journal of Botany i. 368 (1842).

- 1, portion of phyllodia.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanding flower.
- 6, fully expanded flower.
- 7, back- and front-view of a stamen.
- 8, pollen-grains.
- 9, pistil.
- 10, lower portion of a fruit-valve with a seed.
- 11, two seeds separated.
- 12, transverse sections of seeds.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia Simsii *A. Cunningham.*



CONTENTS.

ACACIA STIPULOSA.

LUEHMANNI.

AMBLYGONA.

SCALPELLIFORMIS.

PHLEBOCARPA.

ACACIA IMPRESSA.

FARINOSA.

SUBPOROSA.

HETEROCLITA.

SIMSI.

ICONOGRAPHY
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COGNATE GENERA,

BY
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GOVERNMENT BOTANIST OF THE COLONY OF VICTORIA.

"SED GAUDEBITIS ET EXULTABITIS USQUE AD SEMPERNUM IN IIS, QUÆ DEUS CREABAT."—*Prophetia Isaia*, lxxv. 18.

EIGHTH DECADE.

BY AUTHORITY:
ROBT. S. BRAIN, GOVERNMENT PRINTER, MELBOURNE.

1887.

PRICE—THREE SHILLINGS.

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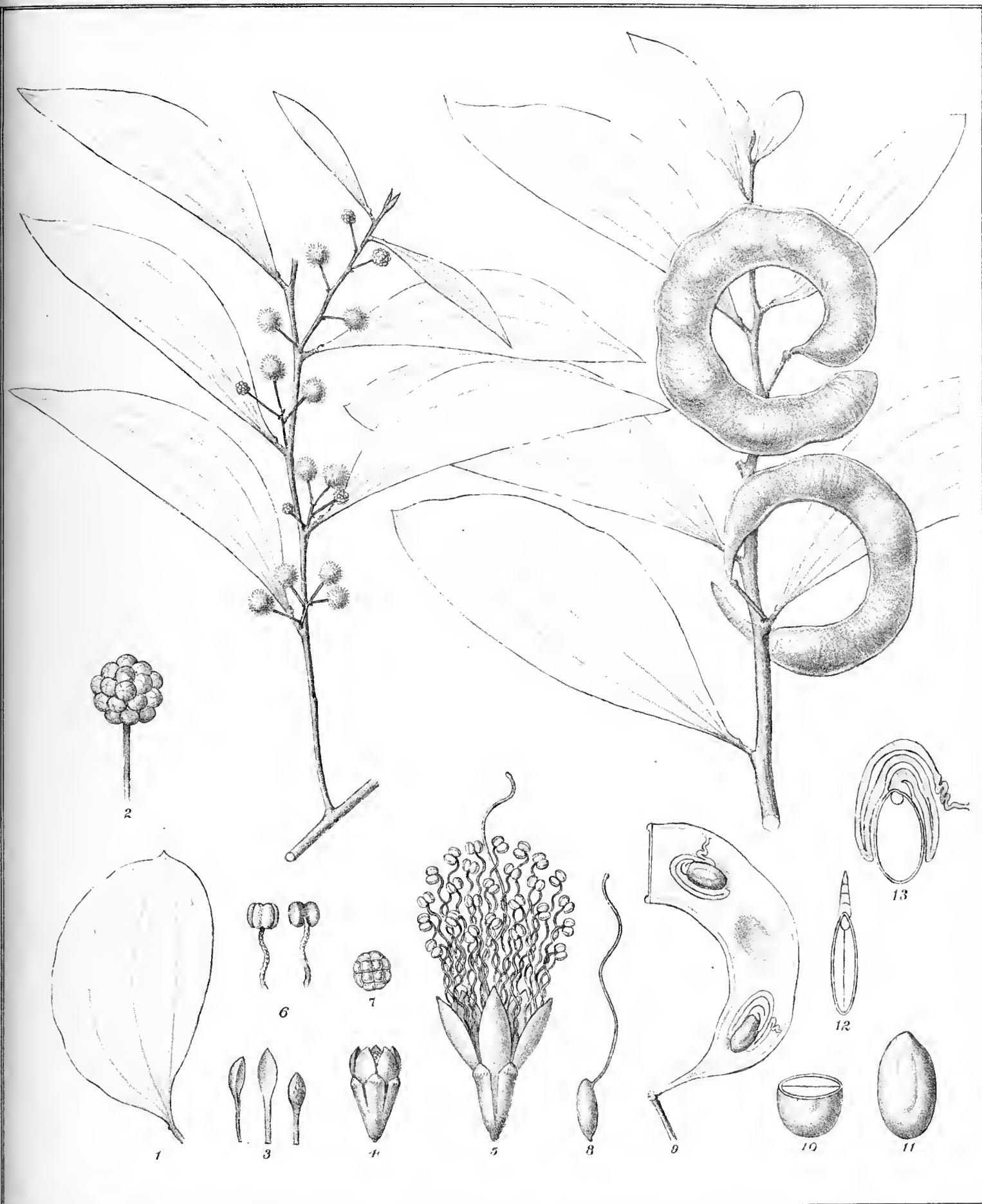
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ACACIA ORARIA.

F. v. M. fragmenta phytographiae Australiae xi. 66 (1879).

- 1, a phyllodium.
 - 2, head of unexpanded flowers.
 - 3, bracts.
 - 4, unexpanded flower.
 - 5, expanded flower.
 - 6, front- and back-view of a stamen.
 - 7, pollen-grain.
 - 8, pistil.
 - 9, lower portion of a fruit-valve with seeds.
 - 10, transverse section of a seed.
 - 11, a seed separated.
 - 12 and 13, longitudinal sections of seeds.
- All except 1 enlarged, but to various extent.



R. Graff del. C. Troedel & Co. Lith.

F.v.M. direxit.

Steam Litho Gov. Printing Office Melb.

Acacia oraria F.v.M.

ACACIA IMPLEXA.

Bentham in Hooker's London Journal i. 368 (1842).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grains.
- 8, pistil.
- 9, lower portion of a fruit-valve with seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



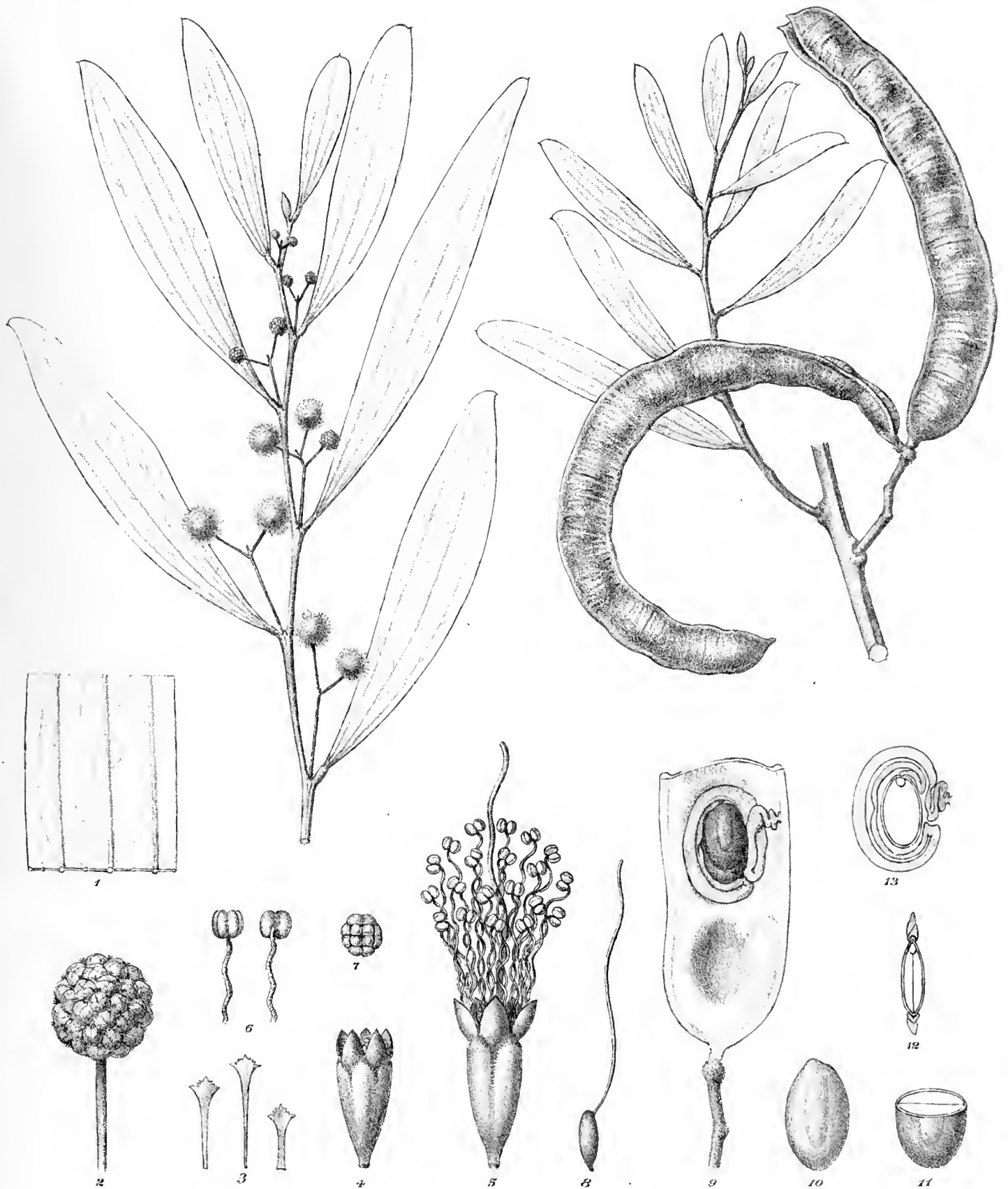
Acacia implexa Benth.

ACACIA CYCLOPIS.

A. Cunningham in Loudon's hortus Britannicus 407 (1830).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



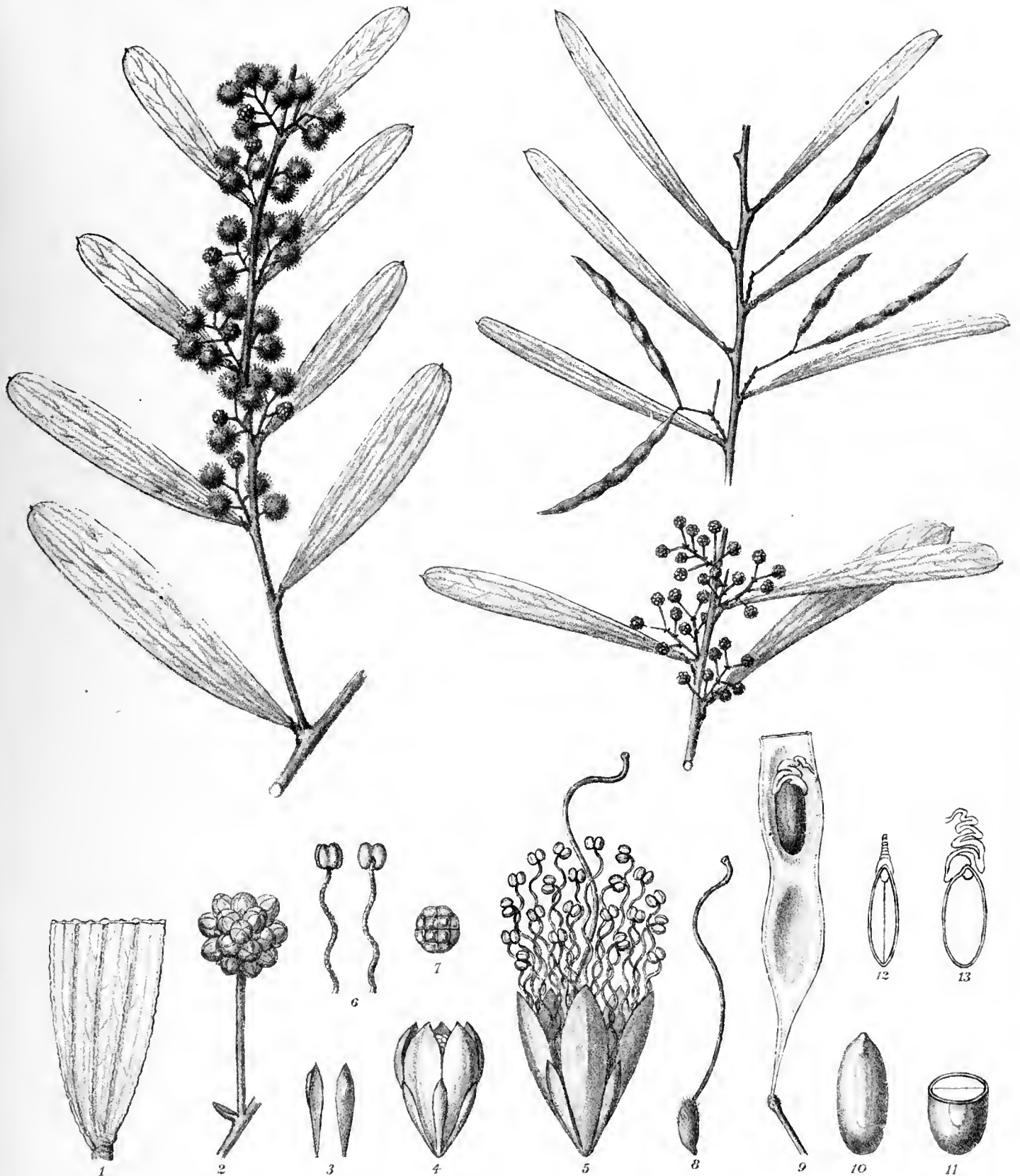
Acacia cyclopis A. Cunningham.

ACACIA TRINEURA.

F. v. M. Plants of Victoria ii. 25 (1860).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. Troedel & Co Lith.

FvM direxit

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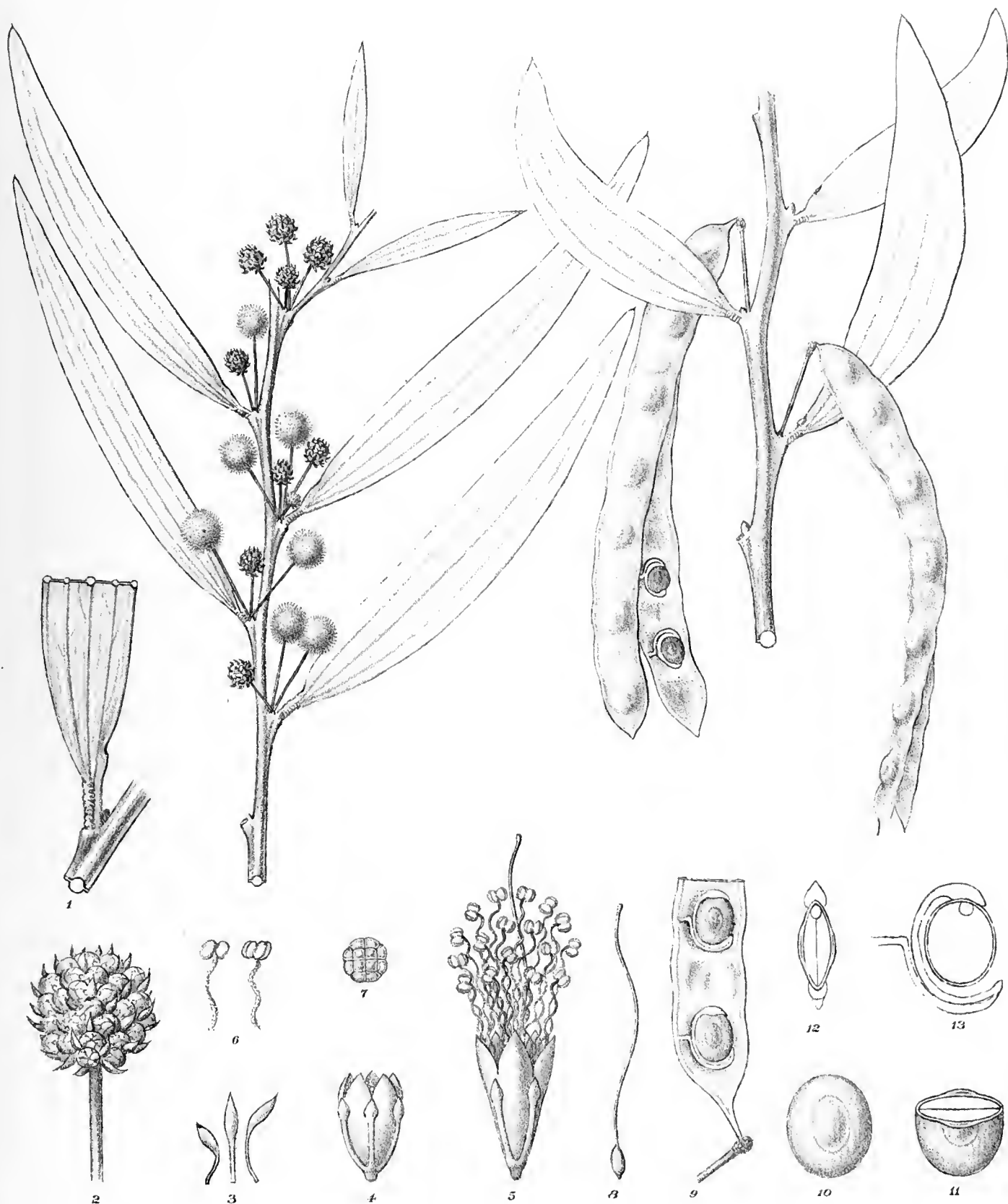
Acacia trineura *FvM.*

ACACIA HOMALOCCLADA.

F. v. M. fragmenta phytographiae Australiae xi. 34 (1878).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with seeds.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R Graff del. C. Troedel & C^o Lith.

FvM direxit.

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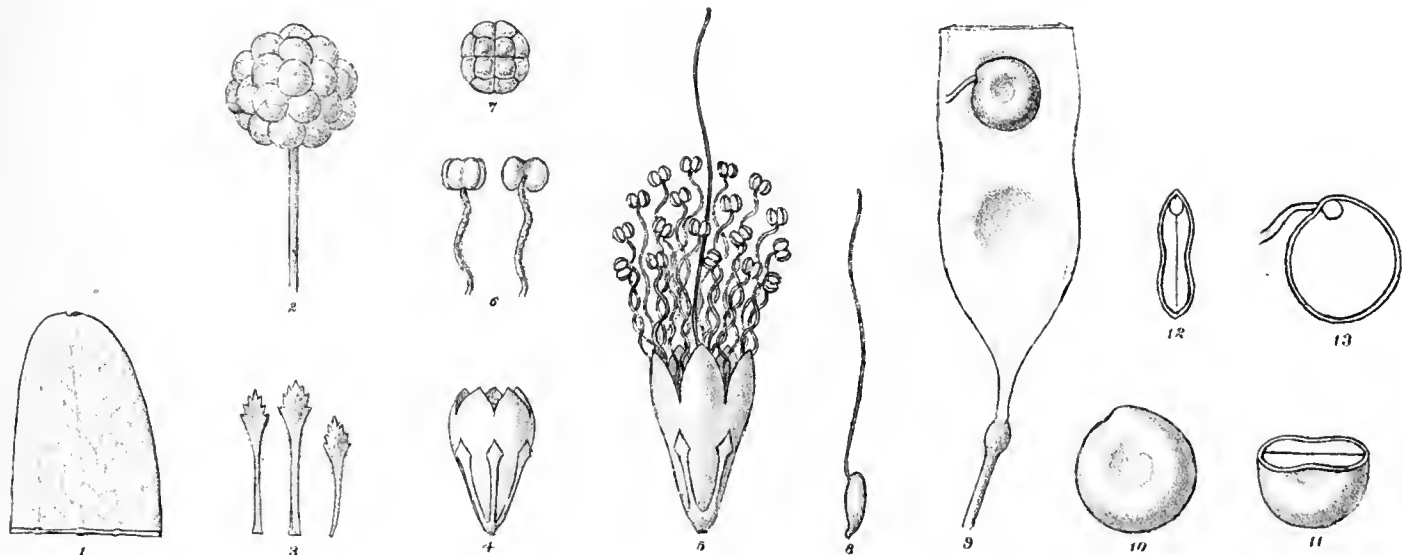
***Acacia homaloclada* FvM.**

ACACIA HEMIGNOSTA.

F. v. M. in Journal of the Linnean Society iii. 134 (1858).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. Troedel & Co Lith.

F.v.M. direxit

Steam Litho Gov Printing Office Melb.

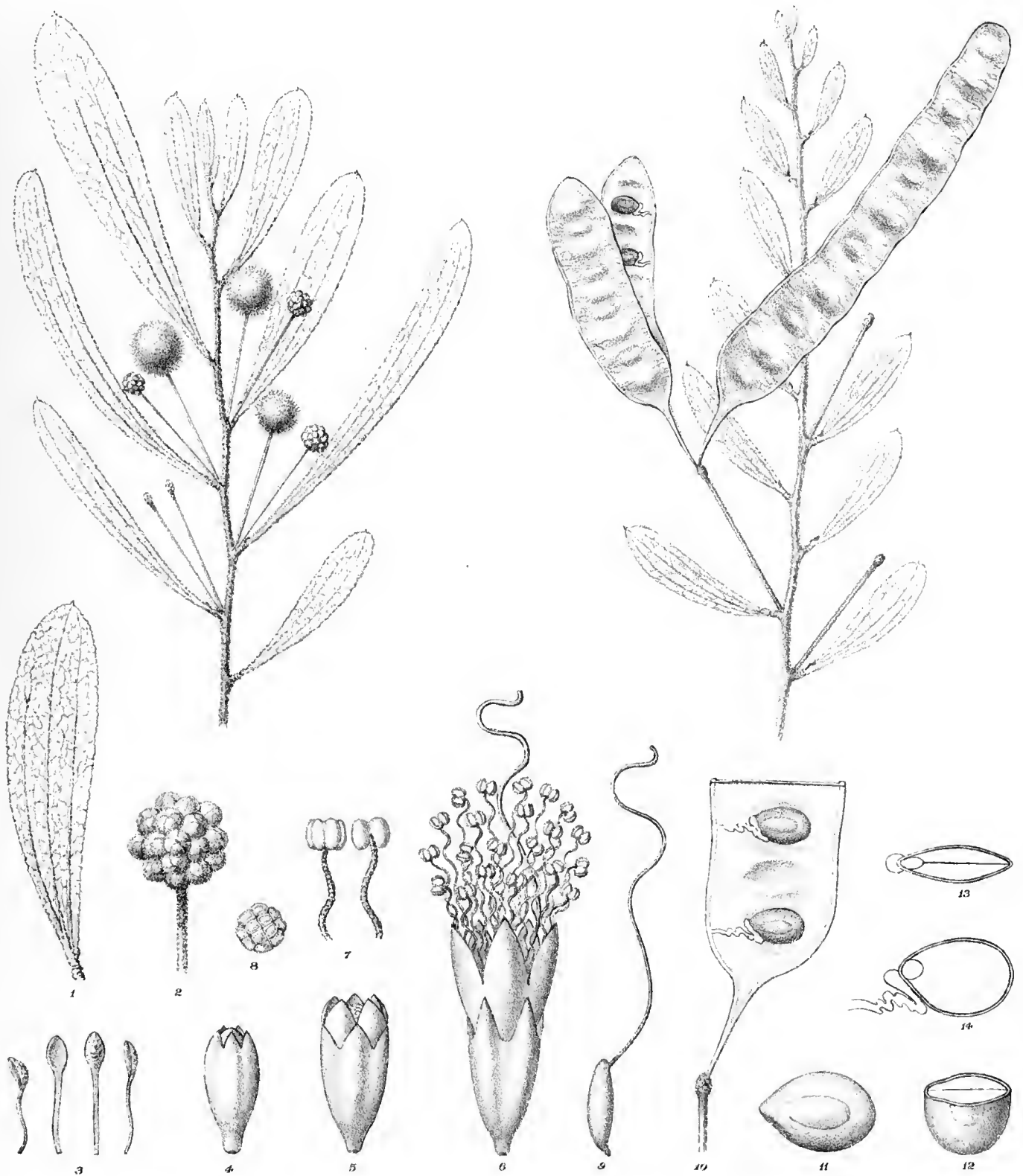
Acacia hemignosta F.v.M.

ACACIA DICTYOPHLEBA.

F. v. M. fragmenta phytographiae Australiae iii. 128 (1863).

- 1, a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanding flower.
- 6, fully expanded flower.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, pistil.
- 10, lower portion of a fruit-valve with seeds.
- 11, a seed separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



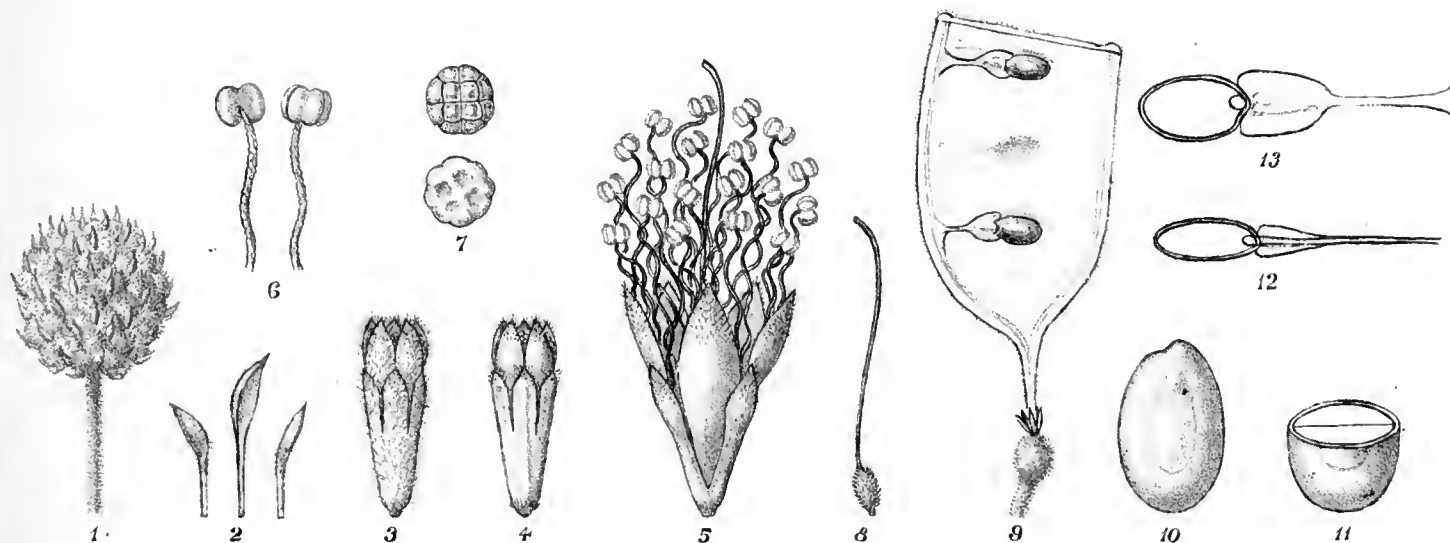
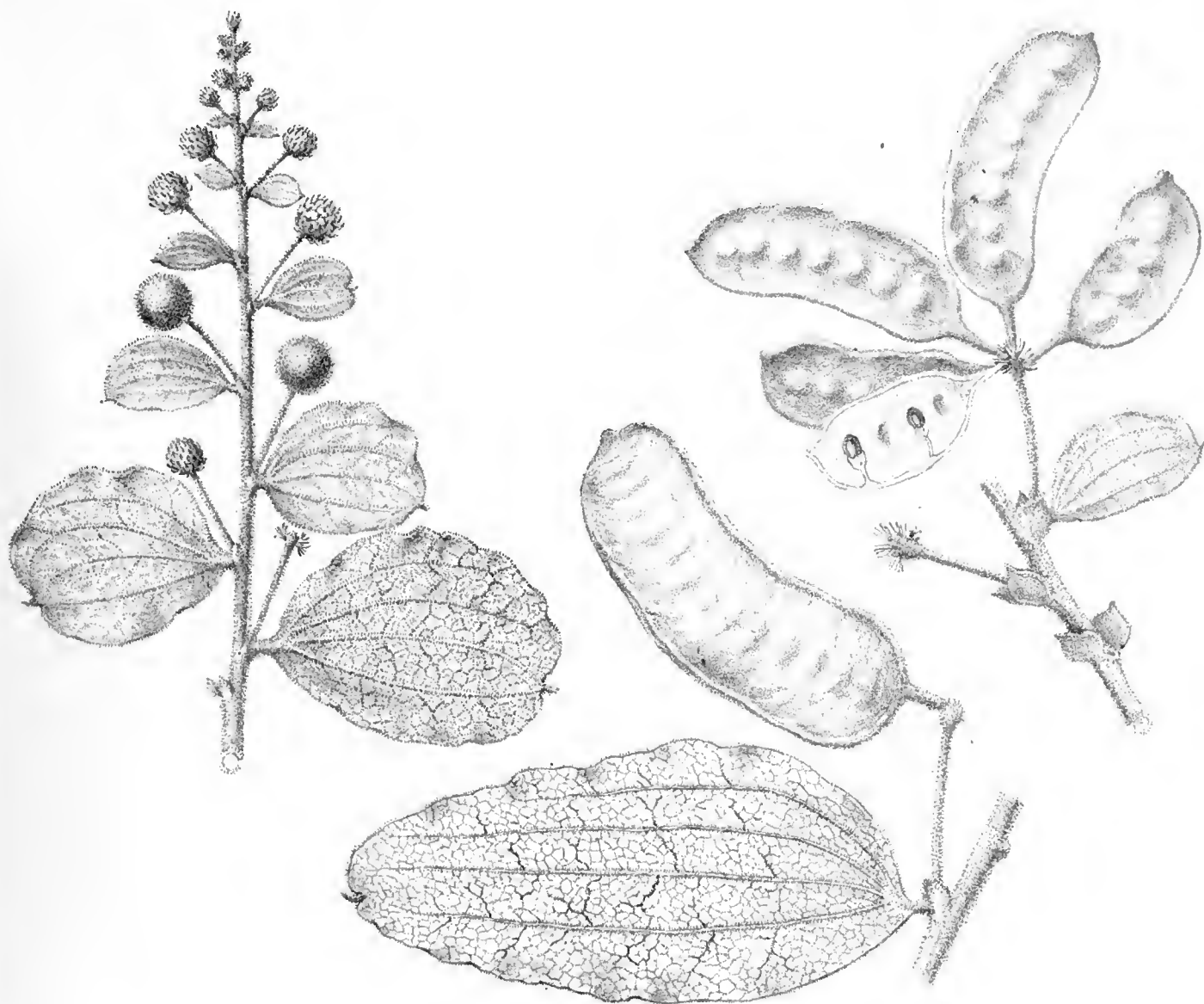
Acacia dictyophleba FvM.

ACACIA RETIVENEA.

F. v. M. fragmenta phytographiae Australiae iii. 128 (1863).

- 1, head of unexpanded flowers.
- 2, bracts.
- 3 and 4, unexpanded flowers.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grains.
- 8, pistil.
- 9, lower portion of a fruit-valve with seeds.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



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F. v. M. direxit

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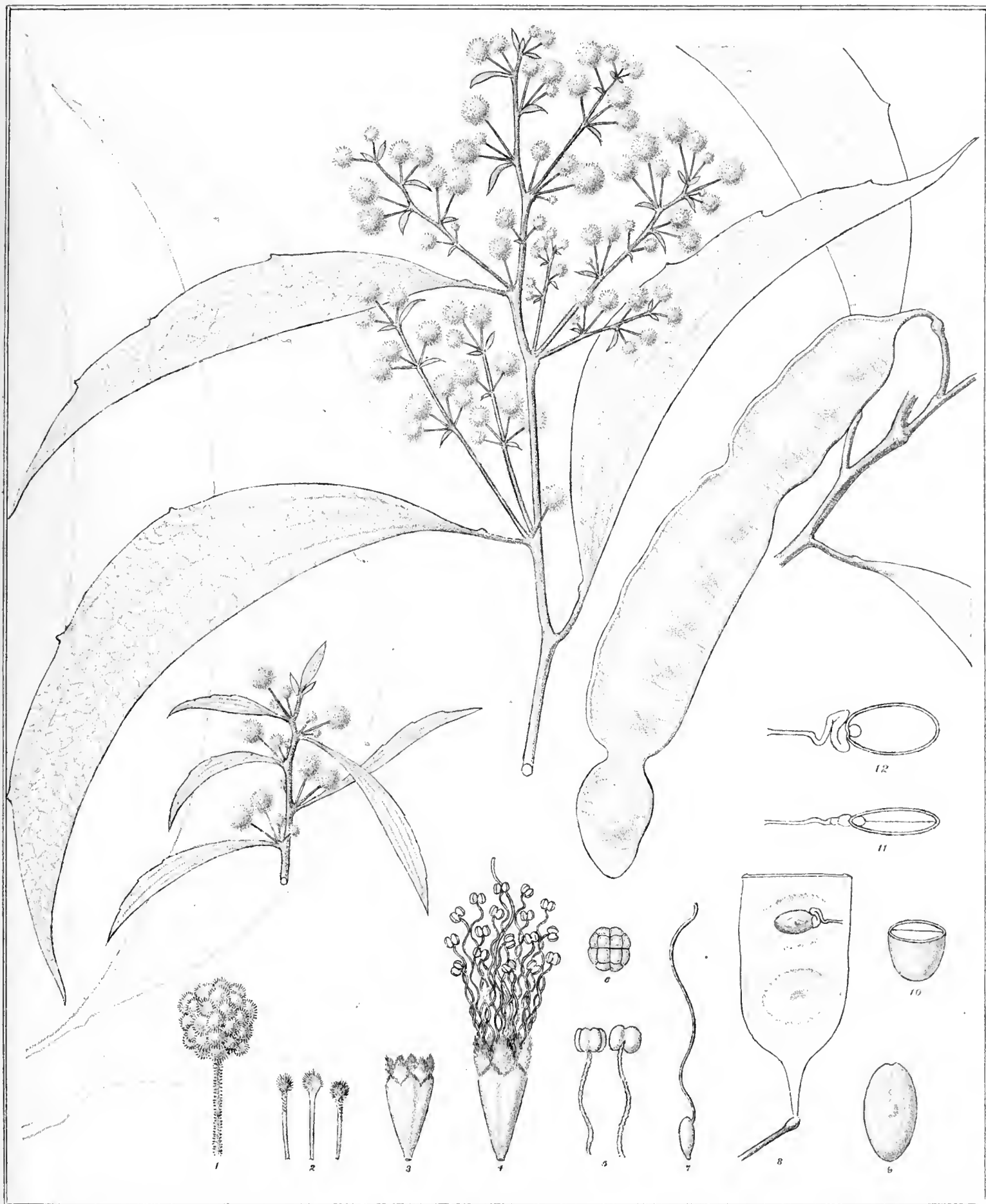
Acacia retivennea F. v. M.

ACACIA FLAVESCENS.

A. Cunningham in Hooker's London Journal i. 381 (1842).

- 1, head of unexpanded flowers.
- 2, bracts.
- 3, unexpanded flower.
- 4, expanded flower.
- 5, front- and back-view of a stamen.
- 6, pollen-grain.
- 7, pistil.
- 8, lower portion of a fruit-valve with seed.
- 9, a seed separated.
- 10, transverse section of a seed.
- 11 and 12, longitudinal sections of seeds.

All enlarged, but to various extent.



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F. v. M. direxit

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Acacia flavescens A. Cunningham.

ACACIA DINEURA.

F. v. M. in Journal of the Linnean Society iii. 130 (1858).

- 1, portions of phyllodia.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia dineura FvM

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CYCLOPIS.

TRINEURA.

HOMALOCLADA.

ACACIA HEMIGNOSTA.

DICTYOPHLEBA.

RETIVENEAE.

FLAVESCENS.

DINEURA.

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